OLYMPUS®

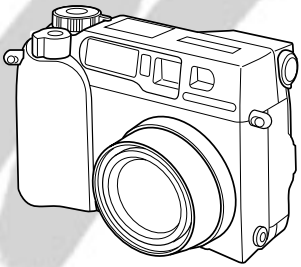
CAMEDIA

INSTRUCTIONS

PREPARATIONS
BASIC FUNCTIONS
MOVIE FUNCTIONS
PRINTING PICTURES
USING A PERSONAL COMPUTER
CAMERA SETTINGS
MISCELLANEOUS

DIGITAL CAMERA

C-2020ZOOM



- Before using your camera, read this manual carefully to ensure correct use.
- We recommend that you take test shots to get accustomed to your camera before taking important photographs.

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* If you have any questions about this product, please consult your nearest Olympus dealer in the provided Authorized Distributors List. (Refer to the Technical Hotline Numbers for technical support, and the Authorized Distributors for repair service, etc.)

PRECAUTIONS

This camera is not recommended for commercial use or for use under severe conditions. This camera is a precision instrument. Use caution when handling the unit. Do not apply strong vibration or pressure to the camera or lens, as this may cause damage to the finely tuned internal parts.

GENERAL PRECAUTIONS

In case of problem

- Do not use the camera if it seems not to function correctly. Take the batteries out or disconnect the AC adaptor immediately, and consult your dealer or an Authorized Service Centre.

Do not open or modify

- Do not disassemble the camera, as it may cause damage to the unit. For internal repairs, consult your dealer or an Authorized Service Centre.

Protect from humidity and dust

- Do not store in dusty places, as using the camera afterwards may result in a fire or an electric shock.
- If the unit has been dropped, or if liquid or a foreign object has entered the unit, do not use it, but consult your dealer or an Authorized Service Centre. Do not touch the internal parts. They include high tension circuits that may cause severe electric shock.

Protect from high temperatures

- Do not leave the camera in a closed car, etc. in the sun, as the temperature may rise and cause damage.

Cleaning

- Before servicing or cleaning the unit, be sure to disconnect the AC adaptor.
- The camera can be cleaned by wiping with a soft cloth. To remove stains, wipe with a soft cloth moistened with a mild detergent solution and wrung dry, then wipe with a dry soft cloth.
- Do not use benzene, thinner, or any other chemical product on the camera, as it may have a corrosive effect.

PRECAUTIONS WHEN USING THE CAMERA

Caution concerning the flash

- Be careful when taking pictures at close range.
- Do not take pictures of people's faces (babies in particular) at close range. If the flash goes off too close to someone's eyes it may cause a loss of vision. In particular, when taking pictures of babies, be sure that the distance is at least 1 m.

Be careful when handling the unit

- Do not use in an unstable position. If you lose your balance, you might get hurt.
- Be careful that no foreign substance (dirt, rain, sand) can enter the unit, particularly when the battery cover or lens barrier is open, as it may cause damage.
- To prevent damage, do not drop the camera or subject it to severe shock or vibration.
- This camera is not water-resistant. Do not put it in water, and be careful to protect it from rain, sea water, etc.
- Do not use the camera outside during a storm or when there is lightning.
- When replacing the batteries, make sure the power is OFF. If it is left ON, it may damage the internal circuits.

Storage environment

- To avoid damage or mis-operation of the camera, only store it where the temperature is –20 ~ 60°C and the humidity 10 ~ 90%.
- Do not store in humid places, as condensation may form and cause damage.
- To prevent injuries or accidents, keep the camera out of the reach of children.

Usage environment

- Do not use where there may be a large concentration of flammable or explosive gases, as it may cause a fire or explosion.
- To avoid damage or mis-operation of the camera, use it only if the temperature is 0 ~ 40°C and the humidity 30 ~ 90%.
- Do not move the camera suddenly from a hot to cold place, or vice versa. It may cause the formation of condensation inside the unit that may damage it. To prevent the formation of condensation, put the camera in a plastic bag, etc. to protect it and wait until the camera has reached the ambient temperature before taking it out.
- If used in low temperatures, the batteries will have a shorter life span than normal.

Precautions on using accessories

- Be sure to use only the supplied accessories, or accessories recommended by the manufacturer, otherwise fire, electric shock or damage may result. For more information, please consult the dealer where the unit was purchased.
- Do not keep the AC adaptor connected when not using the camera, otherwise fire, electric shock or damage may result.
- To prevent electric shock and damage, do not plug, connect or handle the AC adaptor with wet hands.
- Do not modify, bend forcibly, pull strongly, scratch, etc., or otherwise alter the AC adaptor power cord. Also, do not put heavy objects on the power cord, or place it close to a heat source as it may result in a fire or electric shock.

Points to verify before using the camera

- If taking particularly important pictures or if you have not used the camera for a long period, first confirm that it functions properly, or consult an Authorized Service Centre.
- We decline all responsibility concerning the loss of data, down time, loss of revenue or any other direct or indirect damage or claims caused by this camera.

Important

- "Note" indicates information you should be aware of.
- Actual product may differ slightly from that shown in illustrations.

PRECAUTIONS WHEN HANDLING THE BATTERIES

To prevent leakage, fire, or damage, please read the instructions carefully and observe the following points:

- Do not heat or throw the batteries into a fire.
- Do not disassemble, modify or solder.
- Do not install with inverted polarity (+, –).
- Do not let metal objects touch the contacts. Do not store or carry loosely with necklaces or hairpins.
- Do not use old batteries together with new ones, and do not use different types of batteries at the same time.
- Do not store them in humid places as they may corrode.
- Do not use if something seems to be wrong.
- Do not use if there is leaking, swelling, a rise in temperature, or any other abnormal condition.
- When using them for the first time, if there are signs of corrosion or if they are warm, please take them back to where they were bought.
- NEVER use any battery whose body is not covered by the insulating sheet, as it may cause a fire or injury.

If there is a leak

- If the liquid gets into your eyes, do not rub them. Rinse with clean water, then seek medical attention immediately.
- If the liquid gets in contact with your skin or clothing, rinse with clean water.
- If the liquid has leaked inside the battery compartment, clean it carefully with a wet rag before inserting new batteries.

When the batteries are dead, take them out of the camera

- If old batteries are left inside the camera they may leak. If the camera is going into storage or if you intend not to use the camera for a long period of time, remove the batteries.

Do not use in an airtight device

- If may cause the batteries to leak and/or the camera to be damaged.

Do not recharge alkaline or lithium batteries

- If you try to recharge them, it may cause the batteries to leak and/or the camera to be damaged.

Do not use or store in a hot place (e.g. inside a closed car on a hot and sunny day)

- If may shorten their service life. Store in a dry cool place protected from direct sunlight.

Keep out of the reach of children

- Make sure children do not take the batteries out when using the camera. If a child is going to use the camera, be sure to teach the child proper usage according to this manual.
- When disposing of old batteries, be sure to do so in accordance with all applicable regulations in your area.

CONTENTS

Important notice....2
Precautions....3
Precautions when handling the batteries....6
Main features....13

1 PREPARATION....15
Checking the contents....16
Names of parts....18
Attaching the strap....21
Loading the batteries....22
Using the AC adapter (optional)....24
Inserting SmartMedia....26
Adjusting the date and time....28
Learning the basics....30
- Holding the camera....30
- Adjusting the diopter....31
- Proper shutter release....31
- Basic operating procedure....32
- How to use the Mode dial....33
- Checking the card....34
- Checking the batteries....35
- Checking the number of storable pictures....36
- How to use the Menu....37

2 BASIC FUNCTIONS....39

[Record Mode]
Taking pictures....40
- Taking pictures using the optical viewfinder....40
- Taking pictures using the LCD monitor....42
- Quick view....44

Focus lock....45
Autofocus....46
Working range....48
Aperture priority mode....49

Shutter priority mode 50
Manual mode....52
Zoom 53
Exposure compensation....54
Using the flash....55
Spot metering mode 59
Macro mode....60
Macro + Spot metering mode 61
Manual focus 62
Still picture record menu....64
Sequence mode 65
Selftimer/Remote control....67
Auto bracket 71
Extension flash 73
Slow shutter synchronization flash mode 75
Digital tele mode....77
White balance....78
ISO 80
Picture effects....82
Panorama mode....83
Card setup (card format) 85
Selecting the recording mode....87
A/S/M mode....89

[Display Mode]

Displaying recorded pictures 90
Picture data 92
Index-display mode 93
Close-up display mode (3x inspection)....94
Protection 95
One-frame erase 96
Still picture display menu....97
Slide-show mode....98
Card setup....99
  All-frame erase 99
  Card format....100
Connecting to a television 102

3 MOVIE FUNCTIONS.....103

[Record Mode]

Recording movies.....104
Recording movies using the optical viewfinder.....104
Recording movies using the LCD monitor.....106
Quick view.....108
Focus lock.....109
Working range.....110
Zoom.....111
Exposure compensation.....112
Manual focus.....113
Movie picture record menu.....115
Selftimer/Remote control.....116
White balance.....120
ISO.....122
Picture effects.....124
Card setup (card format).....125
Selecting the recording mode.....127

[Display Mode]

Movie picture display menu.....129
Playing movies.....130
Card setup.....132
All-frame erase.....132
Card format.....134

4 PRINTING PICTURES 137
Printing pictures 138
Card print 139
Print-reserve (card) 139
Still picture display menu (card-print) 140
Print-all (card) 141
Date-print (card) 142
Index-print (card) 143
Direct-print 144
Printing with the P-300E/P-150E 144
Index print (P-300E/P-150E) 146
Close-up print (P-300E/P-150E) 147
Random print (P-300E) 148
Direct print menu 150
All print (P-300E) 151
Cut print (P-300E/P-150E) 152
Mirror print (P-300E/P-150E) 153
Date print (P-300E/P-150E) 154

5 USING A PERSONAL COMPUTER 155
Computer system requirements 156
Installing provided software 157
Connecting to a personal computer 158
Using a personal computer 159
Transferring data from SmartMedia 160
PC Card Adapter 160
FlashPath Floppydisk Adapter 160
SmartMedia Reader/Writer 160
Using CAMEDIA Master 161
Processing images using CAMEDIA Master 163

6 CAMERA SETTINGS.....169
All reset.....170
Sharpness 172
SHQ setup 173
SQ setup.....174
Beep sound 175
Rec view.....176
File number.....178
LCD brightness.....181
Meters/Feet selection 183
Index-display adjustment.....184

7 MISCELLANEOUS 185
Questions and answers 186
Troubleshooting.....188
System chart.....192
Error codes 193
Optional items.....194
Notes on display and backlight.....194
Compatibility of the picture data 195
Specifications 196

MAIN FEATURES

- **This camera's 2,110,000-pixel CCD and Olympus high-resolution optical lens deliver the highest picture quality in its class.**
- **Various exposure modes make advanced shooting possible.**
- **The Olympus high-resolution 3X optical zoom lens plus the Digital tele mode make possible photographs equivalent to 7.5X zoom.**
- **Movie function incorporated that lets you record up to approx. 60 seconds in the SQ mode and approx. 15 seconds in the HQ mode.**
- **In addition to an optical viewfinder, a 1.8" (4.5 cm) wide-angle TFT LCD monitor is provided for more flexibility when composing shots and viewing images (can be enlarged 3 times).**
- **Easy operation with Mode dial and Menu screen.**
- **A removable SmartMedia (SSFDC) memory card (with Panorama function) is provided.**
- **With the provided Video output connector (PAL), pictures can be viewed on a TV.***
- **Direct printing available via an optional Olympus printer, allowing you to print out images whenever you need them in any quantity.**

* Not available with the NTSC system.

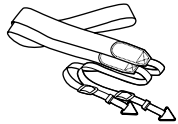
1

PREPARATION

CHECKING THE CONTENTS

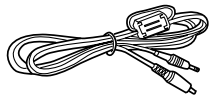
Camera

Strap

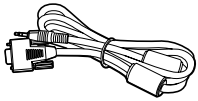


Lens cap

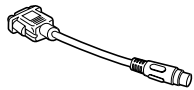
Video cable



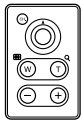
RS-232C PC serial cable



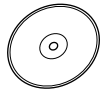
Conversion connector for Macintosh



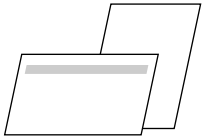
Remote control



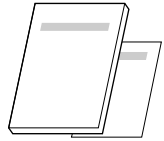
Software CD's



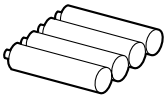
Warranty card/ Registration card



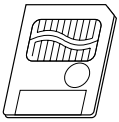
Instructions/Remote control instructions



AA alkaline batteries
(4 pieces)



SmartMedia
(SSFDC-8MB)



Static-free case

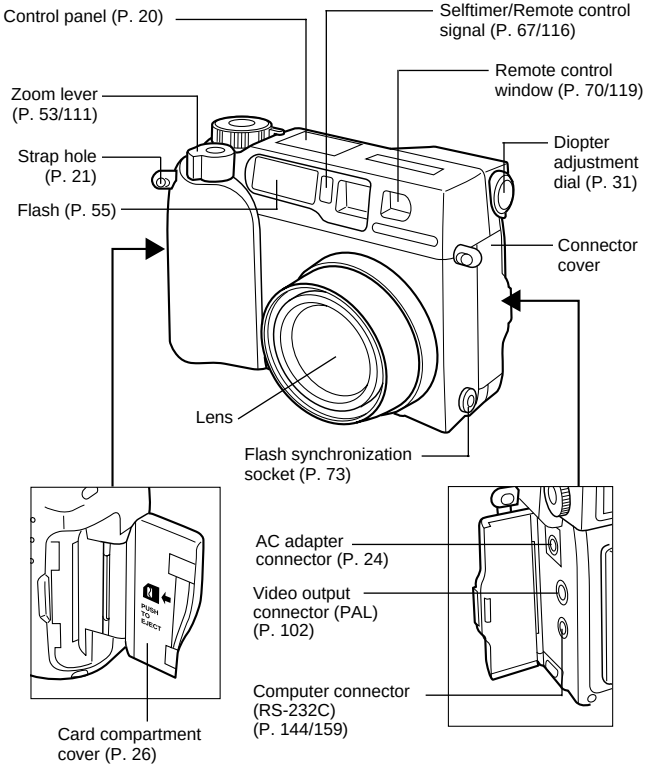
Index labels (2 pieces)

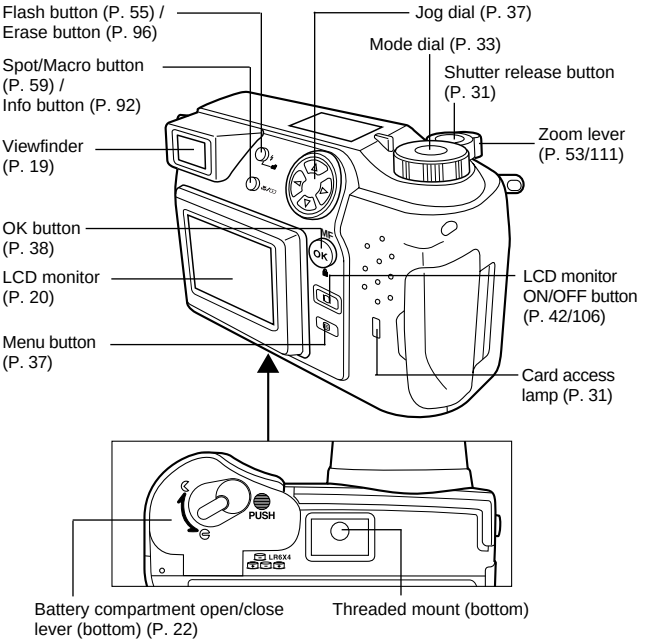
Write-protect adhesive
seals (4 pieces)

Instructions

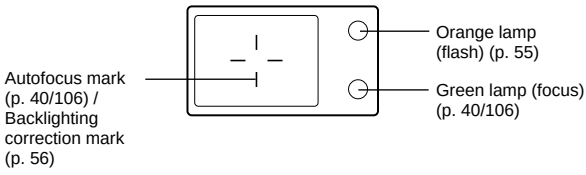
NAMES OF PARTS

CAMERA

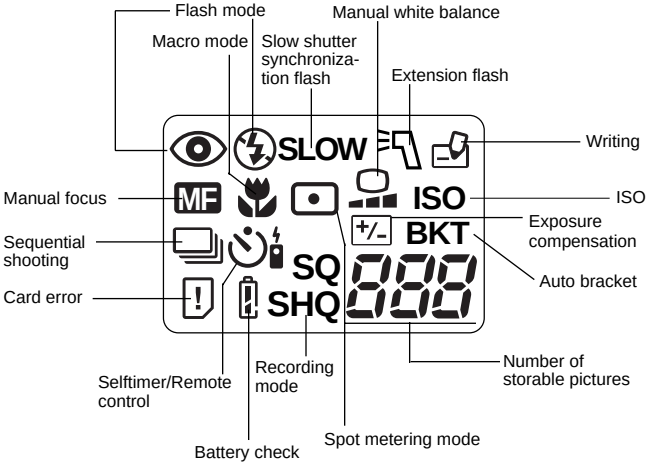




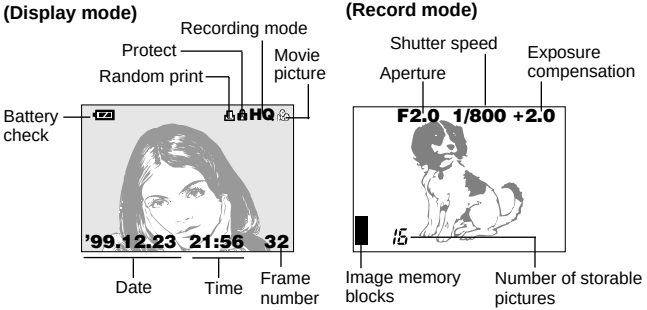
VIEWFINDER DISPLAY



CONTROL PANEL

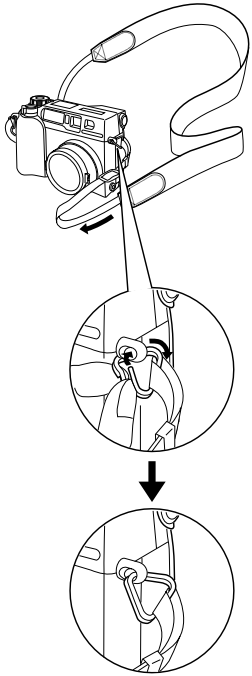


LCD MONITOR



ATTACHING THE STRAP

Attach the strap to the strap hole on the camera.

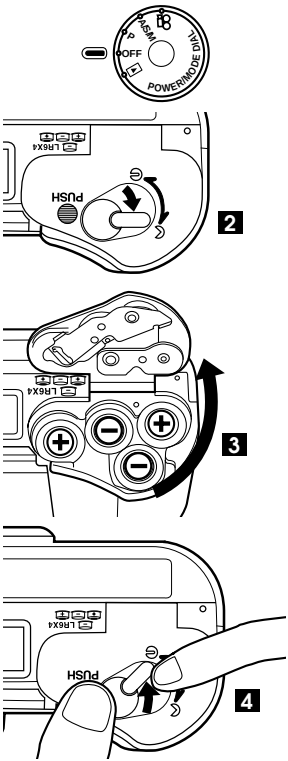


⚠ Caution:

- **Attach the strap correctly as shown so that the camera does not fall off. If the strap is attached incorrectly and the camera comes loose and falls off, Olympus is not responsible for any damage.**

LOADING THE BATTERIES

This camera uses four AA nickel metal–hydride batteries, AA alkaline batteries, AA lithium batteries or AA NiCd batteries.
Performance will be limited with alkaline batteries, especially in low temperatures. NiMH batteries are recommended.
Do not use manganese batteries; they may overheat and destroy the camera.



1 **Make sure that the camera power is off.**

2 **Set the battery compartment open/close lever to ⊋ to open the cover.**

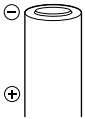
3 **Insert the new batteries correctly as shown and close the battery compartment cover tightly.**
- Do not press the edge of the battery compartment cover.

4 **Press the ● mark and set the lever to ⊖ . The lever will not move unless the cover is closed.**

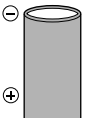
Note:

- Make sure that the power is off before loading the batteries.
- Do not touch the inside of the battery compartment.
- If the camera is left without batteries for approx. one hour, all the settings will reset to the default.
- Read “PRECAUTIONS WHEN HANDLING THE BATTERIES” on page 6.

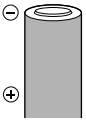
These batteries cannot be used.



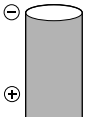
Batteries whose body is not covered by the insulating sheet at all.



Batteries whose ⊖ terminal is flat and a part of the terminal is covered by the insulating sheet.



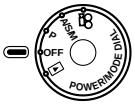
Batteries whose ⊖ terminal is raised but not covered by the insulating sheet.

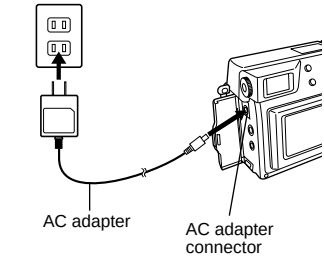


Batteries whose ⊖ terminal is flat and not covered by the insulating sheet.

USING THE AC ADAPTER (Optional)

An optional Olympus AC adapter allows you to power your digital camera from a common AC wall outlet





1 **Make sure that the camera power is off.**

2 **Plug the AC adapter into a power outlet.**

3 **Open the Connector cover and plug the AC adapter into the AC adapter connector on the camera.**

4 **To disconnect, turn off the power, and unplug the AC adapter first from the camera then from the outlet.**

Note:

- When in use for long periods, the AC adapter may get warm. This is normal.

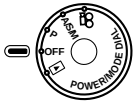
⚠ Warning:

Incorrect use may cause a fire or electric shock.

- **Be sure to use an Olympus AC adapter. Olympus is not responsible for any damage caused by the use of other kinds of AC adapters.**
- **Use an AC220V power source.**
- **NEVER connect or disconnect the AC adapter with wet hands.**
- **If the cord of the AC adapter is hot, smells like smoke or is emitting smoke, unplug it immediately and contact your nearest authorized Olympus service center.**
- **Make sure that the camera power is off before connecting or disconnecting the AC adapter.**
- **Make sure the AC adapter is properly plugged into the outlet.**
- **When disconnecting, hold the body, not the cord, of the AC adapter. Never pull, bend, twist or modify the cord.**
- **If there is any damage on the cord or if there is a contact failure, stop using it and contact your nearest authorized Olympus service center.**
- **Keep the AC adapter disconnected when the camera is not in use.**

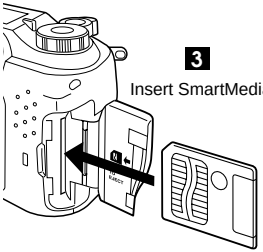
INSERTING SmartMedia

Insert the SmartMedia card in the direction shown.



1 **Make sure that the camera power is off.**

2 **Open the Card compartment cover.**

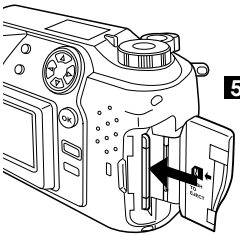


3 Insert SmartMedia.

3 **Insert the SmartMedia card correctly as shown.**

4 **Close the cover tightly.**

5 **To eject the card, turn off the power, open the Card compartment cover and push the card.**



5 Push the card to eject it.

Note:

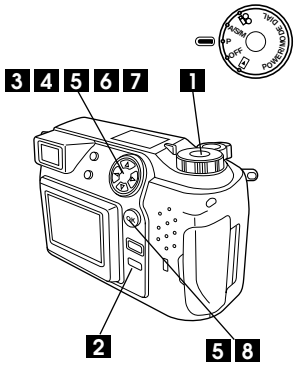
- **Use 3V (3.3V) cards only.** 5V cards cannot be used.
- Olympus brand cards are recommended (already formatted). Non-Olympus brand cards must be formatted by the camera.
- When using a special function SmartMedia card (optional), insert it in the same way.

⚠ Caution:

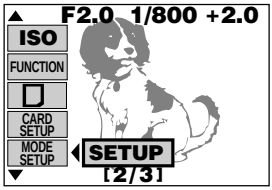
- **NEVER open the card cover, eject the card, remove the batteries, or pull the plug while the camera is in operation. It may destroy the data in the card.**
- **The card is a precision instrument. Handle it carefully and do not subject it to physical shocks.**
- **Do not touch the contact area of the card.**

ADJUSTING THE DATE AND TIME

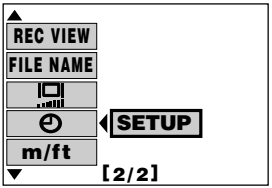
You can adjust the date and time.



LCD monitor



(Still Picture Record Menu)



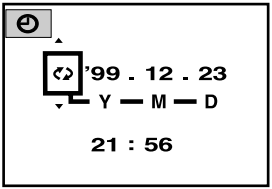
1 **Set the Mode dial to P, A/S/M, or .**

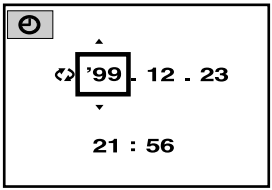
2 **Press the Menu button to display the Menu.**
- See page 37 for how to use the Menu.

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select .**

5 **Press the right arrow on the Jog dial to select SETUP, then press the OK button.**





6 **Select the date order using the top/bottom arrows on the Jog dial. Press the right arrow on the Jog dial to adjust the first setting (year/month/day).**

7 **Press the top/bottom arrows on the Jog dial to adjust the first setting, then press the right arrow on the Jog dial to adjust the second setting. Repeat until the minute is adjusted.**
- '00 will appear for the year 2000.

8 **Press the OK button to save the setting. Press again to cancel the Menu.**
- For accurate setting, press the OK button when the clock hits 00 seconds.

⚠ Caution:
- **The adjusted date will be canceled when the camera is left without batteries for approx. one hour (based on our tests). In such a case, adjust the date again.**

Note:
- We recommend that you check the date and time before taking important pictures.
- The setting will remain until it is readjusted.
- The clock will continue to operate correctly after the year 2000.

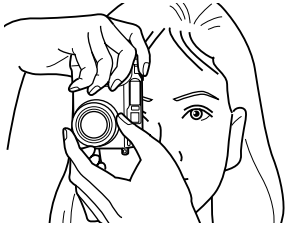
LEARNING THE BASICS

HOLDING THE CAMERA

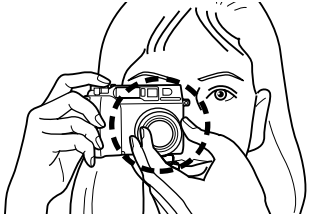
Hold the camera firmly with both hands while keeping your elbows at your sides to prevent the camera from moving.

Proper

Proper

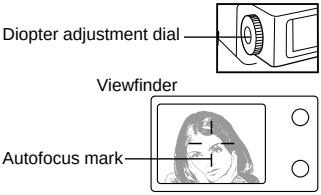


Improper



Note:
- Do not subject the lens to physical shocks.
- Keep your fingers and the strap away from the lens and flash.

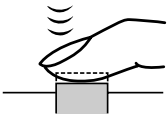
ADJUSTING THE DIOPTER



- Turn the Diopter adjustment dial to see the Autofocus mark clearly.

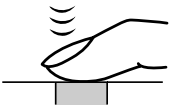
PROPER SHUTTER RELESE

Press the Shutter release button halfway to lock the focus and exposure.



- The Green lamp next to the viewfinder lights.
- If the Green lamp blinks, the focus or exposure is not locked. Check the working distance. (p. 48)

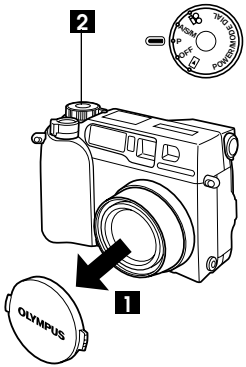
Press the Shutter release button fully to release the shutter and take the picture.



- The camera emits a beep sound when the shutter is released.
- The Card access lamp blinks while the picture is being recorded.

Note:
- Press the Shutter release button gently using the ball of your finger.
- Avoid moving the camera when pressing the Shutter release button to prevent blurry pictures.

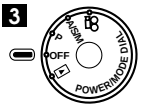
BASIC OPERATING PROCEDURE



1 **Remove the lens cap.**

2 **Set the Mode dial to P, A/S/M, 🎥 or ▶ to turn on the power.**

- A/S/M, P and 🎥 set the camera to the Record mode. The lens will come out and the remaining battery power as well as the number of storable pictures will be displayed on the control panel.
- ▶ sets the camera to the Display mode. The LCD monitor will be turned on.



3 **After use, set the Mode dial to OFF to turn off the power.**

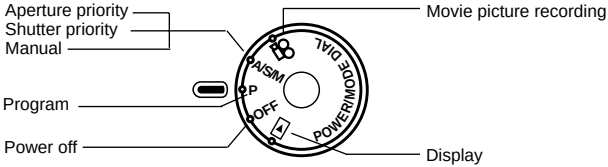
- The lens will retract and the display on the LCD monitor and the control panel will disappear.

Note:

- Do not turn on the power without removing the lens cap first.
- NEVER open the card cover, eject the card, remove the batteries, or pull the plug while the camera is in operation. It may destroy the data in the card.
- If you do not operate the camera for three minutes, the camera will be set to the stand-by mode. After four hours in the stand-by mode, the power turns off automatically. (Time varies depending on the type of batteries used.)
- The recorded images will remain in the card even after the power is turned off or the batteries are replaced.

HOW TO USE THE MODE DIAL

You can easily turn the camera on or off or change the mode using the Mode dial.



P or A/S/M (Still picture recording) (p. 40 ~ 89)
With P, the camera selects the optimal aperture and the shutter speed automatically.
With A/S/M, you can set the aperture or the shutter speed or both for yourself. (p. 49/50/52)

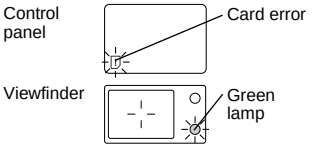
(Movie picture recording)
You can shoot movies of up to approx. 60 seconds in length in the SQ mode. (p. 104 ~ 127)

OFF (Power off)

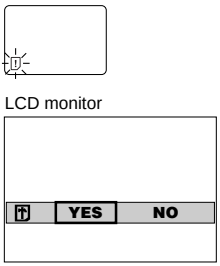
(Display)
You can observe the pictures you have taken.

CHECKING THE CARD

When the power is turned on in the Record mode, the camera checks the SmartMedia card.



When there is no SmartMedia card in the camera / the card is protected:
The Card error indicator on the control panel and the Green lamp blink.



When the card needs to be formatted:
The Card error indicator on the control panel lights, and the camera enters the Card format mode. (p. 100)

CHECKING THE BATTERIES

When the power is turned on in the Record mode, the remaining battery power will be displayed on the control panel.

lights and turns off automatically.
Batteries are OK. You can shoot.

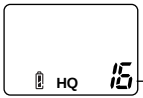
blinks and other indicators on the control panel are displayed normally.
Battery power is low and batteries should be replaced.

blinks and other indicators on the control panel go out.
Batteries are dead and should be replaced immediately.

Note:
- When taking pictures on a special occasion, on a trip, or in cold temperatures, keep spare batteries handy.
- When the camera is being operated on batteries that are running low, the camera may emit several short beeps and blink the number of storable pictures on the control panel after you take a shot or when you turn on the power. If this happens, the picture you have just taken will not turn out properly. Replace the batteries and take the picture again.

CHECKING THE NUMBER OF STORABLE PICTURES

When the power is turned on in the Still Picture Record mode, the number of storable pictures will appear on the control panel. (For movie pictures, the seconds remaining will appear.)



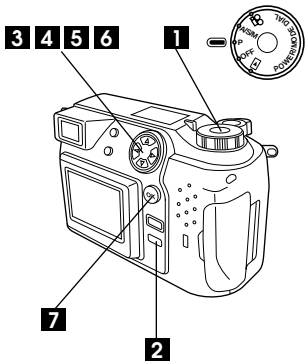
- The Green lamp blinks and CARD FULL appears on the LCD monitor when the number reaches 0. (p. 193)
- The number of storable pictures varies depending on the selected recording mode. See page 87 for selecting the recording mode.

Approx. Number of Storable Pictures

Recording mode	SQ				HQ	SHQ	
Number of pixels	640x480		1024x768		1600x1200		
	Normal	High	Normal	High			
File / Memory capacity	JPEG (high-compression)	JPEG (low-compression)	JPEG (high-compression)	JPEG (low-compression)	JPEG (high-compression)	JPEG (low-compression)	TIFF (non-compression)
2MB	21	8	9	3	4	1	0
4MB	40	16	18	6	8	2	0
8MB	82	32	38	13	16	5	1
16MB	165	66	76	26	31	11	2
32MB	331	132	153	53	64	22	5
64MB	664	265	306	107	128	45	11

Note:
- Because the amount of data used varies depending on the subject, more/fewer pictures than the number shown may be photographed.
- The number of storable pictures may not be reduced every time a picture is taken, or increased when a picture is erased.

HOW TO USE THE MENU

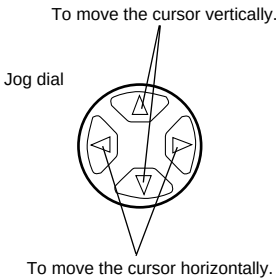


1 **Set the Mode dial.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select the item to adjust.**

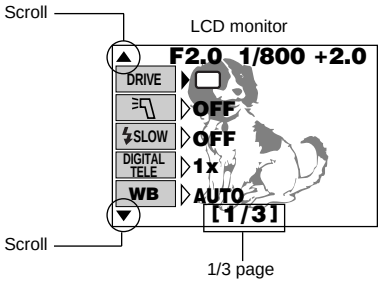
4 **Press the right arrow on the Jog dial to display further selections.**



5 **Press the top/bottom arrows to adjust the item.**

6 **When finished, press the left arrow on the Jog dial to confirm the adjustment.**

7 **Press the OK button to save the adjustment and cancel the Menu.**



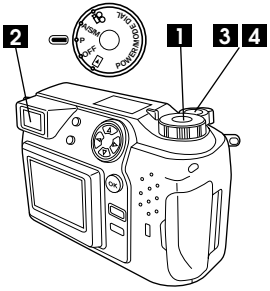
Note:
- In the Record mode, you can take pictures without pressing the OK button. The adjustment will be valid until the Menu is canceled.
- Press the Menu button without pressing the OK button to cancel the adjustment and the Menu.
- Unless OFF is selected in All Reset, some adjustments will be canceled and reset to the default when the power is turned off. (p. 170)

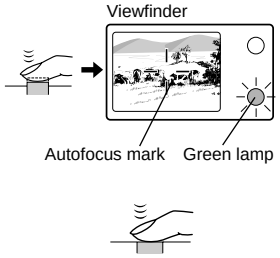
2

BASIC FUNCTIONS

TAKING PICTURES

TAKING PICTURES USING THE OPTICAL VIEWFINDER





1 **Set the Mode dial to P or A/S/M.**

2 **Compose the picture by placing the subject within the autofocus marks in the viewfinder or using the focus lock. (p. 45)**

- Turn the Diopter adjustment dial to see the Autofocus mark clearly. (p. 31)

3 **Press the Shutter release button halfway to lock the focus and exposure.**

- The Green lamp next to the viewfinder lights.
- If the Green lamp blinks, the focus or exposure is not locked. Check the working distance. (p. 48)

4 **Press the Shutter release button fully to take the picture.**

5 When the Green lamp stops blinking (after about 2 ~ 43 seconds), the camera is ready to take the next picture.

- The Shutter will not release while the Green lamp is blinking.

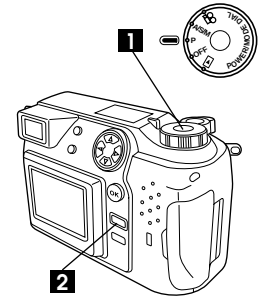
⚠ Caution:

- **NEVER open the card cover, eject the card, remove the batteries, or pull the plug while the Card access lamp is blinking.**

Note:

- When the Orange lamp next to the viewfinder blinks, the flash is being charged. (p. 55)
- Printed images will be slightly larger compared with what you see in the viewfinder or on the LCD monitor.

TAKING PICTURES USING THE LCD MONITOR



LCD monitor

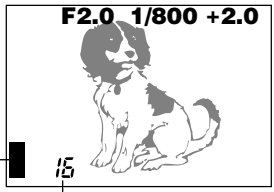
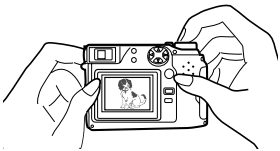


Image memory blocks

Number of storable pictures



Shutter

1 **Set the Mode dial to P or A/S/M.**

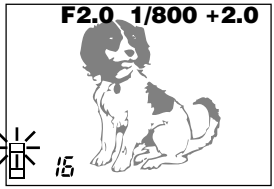
2 **With P, press the LCD monitor ON/OFF button to turn on the LCD monitor.**

- With A/S/M, the LCD monitor will turn on automatically.

3 **Compose the picture using the LCD monitor.**

4 **Take the picture in the same way as you would when using the optical viewfinder. (p. 40)**

- The lower image memory block will light and the camera will start storing the image in the card.
- Unless the card is full, the next picture can be taken even while the image is being stored, until all of the blocks light.
- When more than two images are recorded, the center block will light.
- When the buffer memory is full, the upper block will light and no other operation can be performed until the upper block goes off.



5 **When the recorded image is no longer displayed, the camera is ready to take the next picture.**

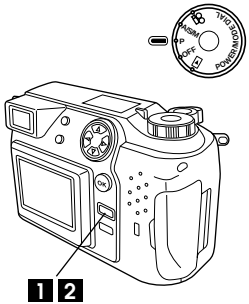
- The recorded image will not be displayed if the Rec view is off. (p. 176)
- To turn off the LCD monitor, press the LCD monitor ON/OFF button again.

Note:

- Do not push the LCD monitor forcibly.
- Pictures that appear on the LCD monitor are for composition purposes only.
- It is recommended to use the optical viewfinder for less camera movement and battery consumption.
- It will take longer to record when the LCD monitor is used.
- When the subject is viewed diagonally in the camera, the edges may appear zigzagged on the LCD monitor. This is not a malfunction; it will be less noticeable in Display mode.
- A strip of light may appear on the top/bottom of the LCD monitor, but this is not a malfunction.
- When a picture is taken in a lighted area, such as in sunlight, vertical lines may appear on the LCD monitor. This is not a malfunction.
- Printed images will be slightly larger compared with what you see in the viewfinder or on the LCD monitor.

QUICK VIEW

You can immediately shift from the Record mode to the Display mode, and check the picture you have just taken.



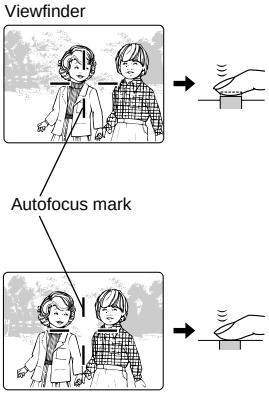
1 **When the Mode dial is set to P or A/S/M, quickly press the LCD monitor ON/OFF button twice.**

- The LCD monitor will display the last picture taken.

2 **To return to the Record mode, press the LCD monitor ON/OFF button or the Shutter release button.**

FOCUS LOCK

If your main subject is not within the autofocus marks, follow the procedure below to obtain focus. This is called focus lock.



1 **Position your subject within the autofocus marks, and press the Shutter release button halfway.**

- The Green lamp next to the viewfinder lights.

2 **Recompose the picture while keeping the Shutter release button pressed halfway.**

3 **Press the Shutter release button fully to take the picture.**

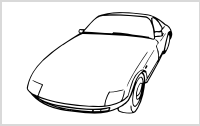
Note:

- If the Green lamp blinks, the focus or exposure is not locked. Check the working distance. (p. 48)

AUTOFOCUS

There are certain conditions where the autofocus may not work properly even when the Green lamp lights when the Shutter release button is pressed halfway. When this happens, try the procedure below or use Manual focus. (p. 62)

❶Subjects with low contrast



Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 45)

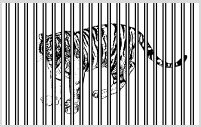
❷Subjects with no vertical lines

Lock the focus on the subject by holding the camera vertically, then change it to the horizontal position to take the picture. (p. 45)

❸Subjects in excessively bright light

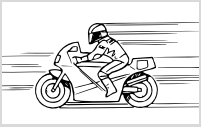
Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 45)

❹Subjects at different distances



Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 45)

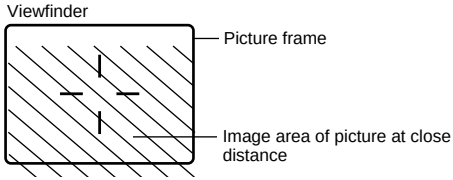
❺Fast-moving subjects at close distances



Lock the focus on an object that is at the same distance from the camera as the subject, then aim at the subject to take the picture. (p. 45)

WORKING RANGE

The viewfinder's picture frame shows the area that can be shot for subjects at ∞. However, the picture area will move lower in the viewfinder as you get closer to the subject, especially with Telephoto shooting.



Take pictures at a distance between 0.2 m ~ ∞ .

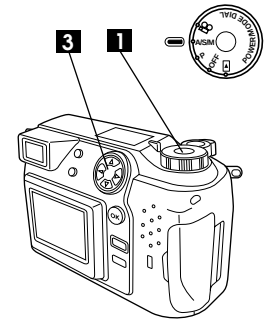
- Subjects closer than 0.2 m may turn out to be out of focus and incorrectly exposed.
- Using the LCD monitor as a viewfinder makes it easy to take close-up pictures.
- Power consumption increases when the LCD monitor is used.

Working range

Macro mode (p.60)	0.2 ~ 0.8 m
Standard mode	0.8 m ~ ∞

APERTURE PRIORITY MODE

You can set the aperture manually for the Aperture priority mode. It is especially useful for taking portrait pictures with blurred backgrounds.

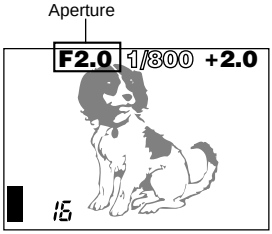


1 **Set the Mode dial to A/S/M.**

- The LCD monitor turns on automatically, and the aperture setting will be displayed.

2 **Select the Aperture priority mode. (p. 89)**

3 **Press the top/bottom arrows on the Jog dial to select the aperture.**

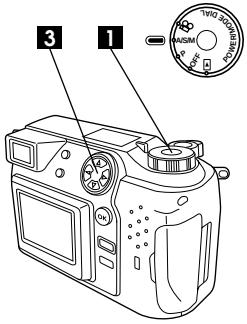


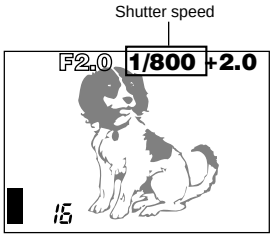
Note:

- When the right exposure cannot be attained, the aperture display will blink and ▲ (overexposure) or ▼ (underexposure) will appear on the LCD monitor.
- Aperture setting is valid only when the Aperture priority mode is selected.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

SHUTTER PRIORITY MODE

You can set the shutter speed manually for the Shutter priority mode. Set it to a fast speed to capture a moving object. Set it to a slow speed to express motion.





1 **Set the Mode dial to A/S/M.**

- The LCD monitor turns on automatically, and the shutter speed setting will be displayed.

2 **Select the Shutter priority mode. (p. 89)**

3 **Press the top/bottom arrows on the Jog dial to select the shutter speed.**

- Available settings vary depending on the selected ISO sensitivity.

Available Shutter Speed Settings

ISO			
AUTO	100	200	400
1 ~ 1/800	4 ~ 1/800	2 ~ 1/800	1 ~ 1/800

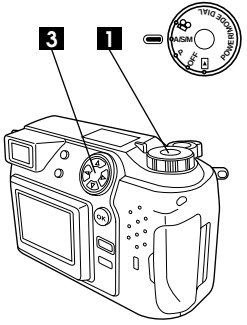
(unit: seconds)

Note:

- When the right exposure cannot be attained, the shutter speed display will blink and ▲ (overexposure) or ▼ (underexposure) will appear on the LCD monitor.
- Shutter speed setting is valid only when the Shutter priority mode is selected.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

MANUAL MODE

You can set the aperture and shutter speed manually in the Manual mode. It is especially useful for taking portrait pictures with blurred backgrounds or expressing motion.



1 **Set the Mode dial to A/S/M.**

- The LCD monitor turns on automatically, and the aperture and shutter speed settings are displayed.

2 **Select the Manual mode. (p. 89)**

3 **Press the right/left arrows on the Jog dial to select the aperture. Press the top/bottom arrows to select the shutter speed.**

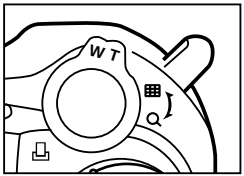
- Available settings vary depending on the selected ISO sensitivity.

Note:

- When the right exposure cannot be attained, the displays will blink and ▲ (overexposure) or ▼ (underexposure) will appear on the LCD monitor.
- Manual settings are valid only when the Manual mode is selected.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

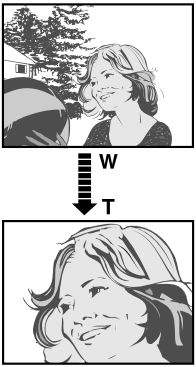
ZOOM

You can select Telephoto or Wide-angle with the 3X zoom lever.



Press the lever to T to choose Telephoto shooting.

Press the lever to W to choose wide-angle shooting.

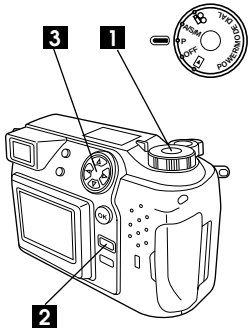


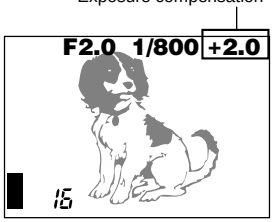
Note:

- When used with the Digital tele mode, you can take an approx. 7.5X zoom photograph. (p. 77)
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

EXPOSURE COMPENSATION

In addition to automatic exposure, you can also adjust it manually by +/– 2 (approx. 1/3 steps). Adjust + when the subject is mostly bright. Adjust – when the subject is mostly dark.





1 **Set the Mode dial to P or A/S/M.**

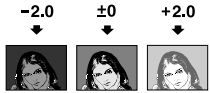
- For A/S/M, the Shutter priority mode or Aperture priority mode must be selected. (p. 89)

2 **When P is selected, press the LCD monitor ON/OFF button to turn on the LCD monitor.**

- With A/S/M, the LCD monitor will turn on automatically.
- The exposure setting will be displayed.

3 **Press the right arrow on the Jog dial for + adjustment and the left arrow for – adjustment.**

- ±/– appears on the control panel.

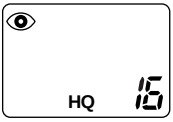


Note:

- Not available in the Manual mode.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)
- Although the brightness of the LCD monitor can be changed with the exposure compensation, it may not appear to change when the subject is mostly dark. In such a case, display the recorded picture on the LCD monitor to check its brightness.
- The exposure compensation may not work properly when shooting with the flash.

USING THE FLASH

Select the flash mode according to the shooting conditions.



You can select the following flash modes with each press of the Flash mode button.

Flash mode	Use
Auto-Flash (p. 56)	Automatically fires in low-light and backlight conditions.
Red-Eye Reducing Flash (p. 56)	Significantly reduces the phenomenon of “red-eye” (subject’s eyes appearing red).
Fill-In Flash (p. 57)	Fires regardless of available light.
Flash Off (p. 57)	Never fires.

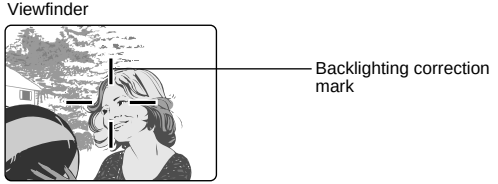
Flash working range:

Wide-angle	Telephoto
Approx. 0.8 ~ 5.6 m	Approx. 0.2 ~ 3.8 m

Note:
- The flash is being charged while the Orange lamp is blinking. Wait until the Orange lamp goes off to take the picture.
- When using the flash in the Macro mode, especially with Wide-angle shooting, the flash may not have the proper effect. Confirm the result using the LCD monitor.
- See page 73 for using an extension flash.
- The main flash cannot be used in the Sequence mode.

AUTO-FLASH

In the Auto-Flash mode, the flash will fire automatically in low-light and backlight conditions.



When you take a picture that is backlit, position the subject within the backlighting correction marks to fire the flash.

RED-EYE REDUCING FLASH

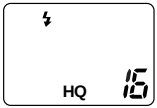
This mode significantly reduces the phenomenon of “red-eye”.

Note:
- The camera emits pre-flashes before the regular flash.
- It takes about a second before the Shutter is released.
- Performance may be limited when the subject is not looking at the pre-flashes from right in front of the camera, or due to medication/alcohol intake or individual characteristics.

FILL-IN FLASH (FORCED ACTIVATION)

In the Fill-In Flash mode, the flash fires regardless of available light. For example, this mode can be used to brighten up the subject's shaded face. Another use of this mode is to correct the color shift produced by artificial lights (eg. fluorescent light).

Control panel



Note:
- Use this mode within the flash working range. (p. 55)
- It may not have the desired effect under excessively bright light.

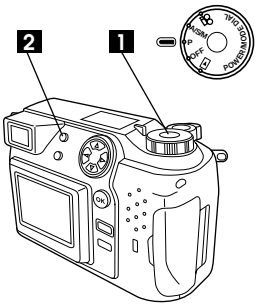
OFF (FLASH OVERRIDE)

In the Off mode, the flash does not fire even in low-light conditions. Use this mode in situations where flash photography is not desired or is prohibited, or in twilight/night scenes.

Control panel

Note:
- Since a slow shutter speed is automatically selected in low-light situations when in the Off mode, the use of a tripod is recommended to prevent blurred pictures caused by camera movement.

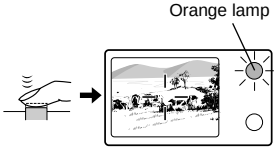
SELECTING THE FLASH MODE



1 **Set the Mode dial to P or A/S/M.**

2 **With each press of the Flash mode button, the flash mode will switch from Auto-Flash to (Red-Eye Reducing Flash, p, 56), (Fill-In Flash, p. 57) and (Flash Off, p. 57).**

• The selected flash mode (except Auto-Flash) will appear on the control panel.



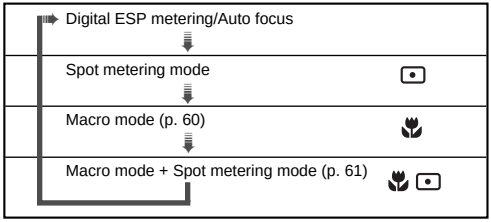
3 **If the Orange lamp lights when the Shutter release button is pressed halfway, the flash is ready to fire.**

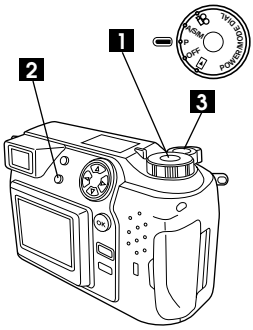
Note:
• Unless OFF is selected in All Reset, the setting will be canceled and reset to Auto-Flash when the power is turned off. (p. 170)

SPOT METERING MODE

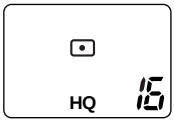
The Spot metering mode is used to obtain the right exposure regardless of the backlight. Place the subject in the center of the autofocus marks.

You can select the following modes with each press of the Spot/Macro button.





Control panel



1 **Set the Mode dial to P or A/S/M.**

2 **Press the Spot/Macro button until ⊙ appears on the control panel.**

- To cancel the Spot metering mode, press the Spot/Macro button several times until ⊙ disappears.

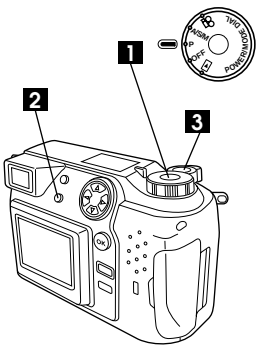
3 **Take a picture.**

Note:

- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

MACRO MODE

You can get as close as 0.2 m to your subject. An approx. 6 x 8 cm subject can be photographed fully within the frame.

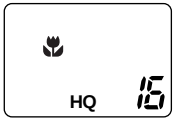


1 **Set the Mode dial to P or A/S/M.**

2 **Press the Spot/Macro button several times until appears on the control panel.**
- To cancel the Macro mode, press the Spot/Macro button several times until disappears.

3 **Take a picture.**

Control panel

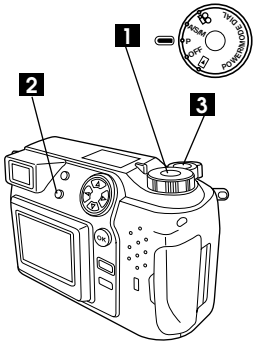


Shooting Range: Approx. 0.2 ~ 0.8 m

Note:
- When using the flash in the Macro mode, the flash may not have the proper effect. Confirm the result using the LCD monitor.
- Using the LCD monitor as a viewfinder makes it easy to take close-up pictures.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

MACRO + SPOT METERING MODE

Use this mode when you want to use the Spot metering mode and your subject is closer than 0.8 m.



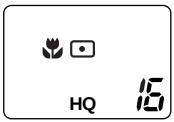
1 **Set the Mode dial to P or A/S/M.**

2 **Press the Spot/Macro button several times until and appear on the control panel.**

- To cancel the Macro + Spot metering mode, press the Spot/Macro button so that the icons disappear.

3 **Take a picture.**

Control panel

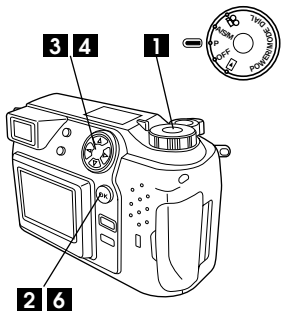


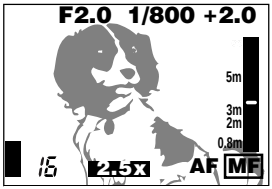
Note:

- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

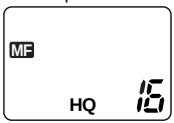
MANUAL FOCUS

With Manual focus, you can select a pre-adjusted focal length. It is especially useful when quick shooting is required.





Control panel



1 **Set the Mode dial to P or A/S/M.**

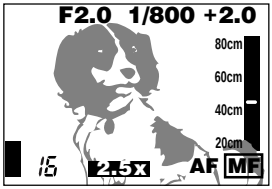
2 **Press the OK button to turn on the LCD monitor.**

3 **Press the right arrow on the Jog dial to select the Manual focus mode.**

- MF appears on the control panel.
- To cancel, press the left arrow on the Jog dial. When MF disappears on the control panel, press the OK button.

4 **While looking at the LCD monitor, press the top/bottom arrows on the Jog dial to select the distance.**

- The display will be enlarged to make focusing easy.



5 **When the cursor is moved below 0.8 m, shorter distances will appear on the LCD monitor.**

6 **Press the OK button to save the setting.**

Note:

- When Manual focus is selected from the Macro mode, the distances on page 63 will be displayed on the LCD monitor.
- The picture may become out of focus when the Zoom lever is pressed after Manual focus is selected. In such a case, readjust the distance using the Jog dial.
- Unless OFF is selected in All Reset, the setting will be canceled and reset to auto focus when the power is turned off. (p. 170)
- The distances on the LCD monitor are for reference only.
- When using the flash, shoot within the flash working range.

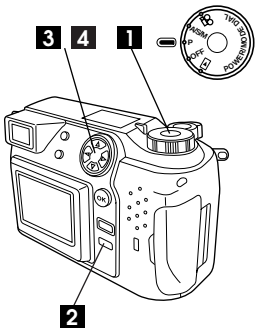
STILL PICTURE RECORD MENU

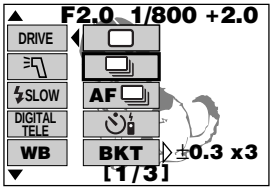
* When the Mode dial is set to A/S/M or P. (p. 37)

Monitor display	Use
DRIVE	For using the Sequence mode (p. 65), Selftimer/Remote control (p. 67) or Auto bracket (p. 71).
	For using an extension flash. (p. 73)
SLOW	For taking photographs of night views. (p. 75)
DIGITAL TELE	For using the Digital tele mode. (p. 77)
WB	For selecting the white balance. (p. 78)
ISO	For selecting the ISO sensitivity. (p. 80)
FUNCTION	For using picture effects. (p. 82)
	For taking panorama pictures or using optional special function cards.(p. 83)
CARD SETUP	For formatting the card. (p. 85)
MODE SETUP	For making adjustments. [All reset (p. 170), Sharpness (p. 172), SHQ setup (p. 173), SQ setup (p. 174), Beep sound (p. 175), Rec view (p. 176), File number (p. 178), Brightness (p. 181), Date set (p. 28), Meters/feet (p. 183)]
Q	For selecting the recording mode (SQ/HQ/SHQ). (p. 87)
A/S/M MODE	For setting Aperture priority, Shutter priority or Manual mode for the Mode dial A/S/M. (p. 89)

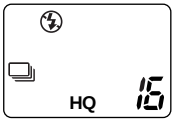
SEQUENCE MODE

In the Sequence mode, the camera takes pictures sequentially while the Shutter release button is pressed.





Control panel



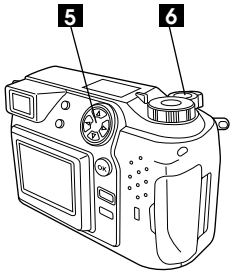
1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select DRIVE.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select ⧉ or AF ⧉.**

- ⧉ appears on the control panel.
- When ⧉ is selected, the focus, exposure and white balance will be measured for the first frame.
- When AF ⧉ is selected, they will be measured for each frame.



5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

- Press the OK button to save the setting and cancel the Menu.

Record mode		Speed	No. of pictures	Time
SQ	VGA NORMAL	1.4 frames/sec.	49	62 sec.
	VGA HIGH	1.4 frames/sec.	18	51 sec.
	XGA NORMAL	1.4 frames/sec.	21	52 sec.
	XGA HIGH	1.4 frames/sec.	7	46 sec.
HQ		1.2 frames/sec.	9	49 sec.
SHQ	JPEG	0.7 frames/sec.	3	46 sec.
	TIFF	N/A		

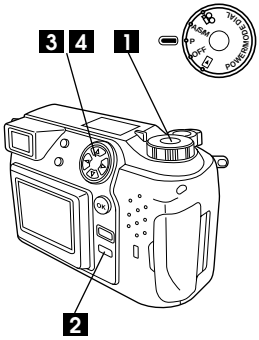
* Numbers above are for reference only.

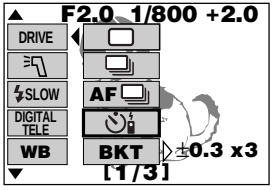
Note:

- The main flash cannot be used in the Sequence mode.
- When using the extension flash, set the speed fast enough to follow the sequential shooting.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)
- This mode cannot be used in the TIFF recording mode.
- Since the shutter speed in the Sequence mode is set to 1/30 second max. to prevent camera movement, the resulting picture may be darker than expected.
- The speed and the max. number of pictures vary depending on the recording mode, etc.
- The speed will be slower with AF .

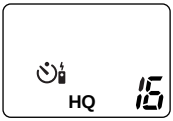
SELFTIMER/REMOTE CONTROL

Use a tripod to hold the camera securely.





Control panel



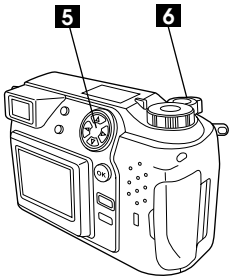
1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select DRIVE.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select .**

- appears on the control panel.



5 **Press the left arrow on the Jog dial to confirm the setting.**

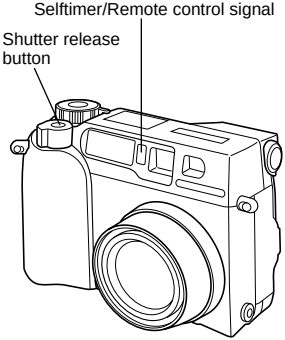
6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

- Press the OK button to save the setting and cancel the Menu.

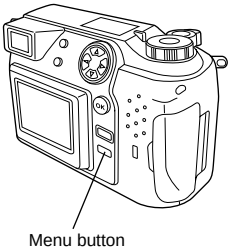
Note:

- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

TAKING A PICTURE USING THE SELFTIMER



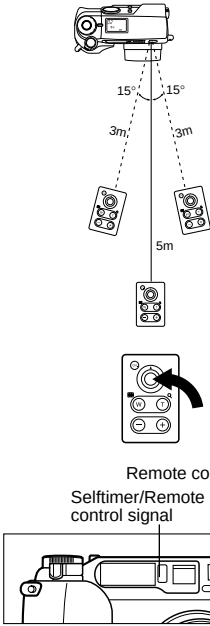
When the shutter is released, the Selftimer/Remote control signal lights for approx. 10 seconds then blinks for approx. 2 seconds before the picture is taken.



To stop the activated selftimer, press the Menu button.

Note:
- The Selftimer/Remote control mode will be canceled after a picture is taken using the Selftimer.

TAKING A PICTURE USING THE REMOTE CONTROL



Compose the picture, aim the remote control at the Remote control window on the camera, then press the Shutter release button on the remote control to take a picture.

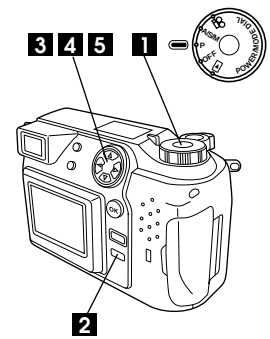
- The Selftimer/Remote control signal blinks for approx. 3 seconds before the picture is taken. If the signal does not blink when the Shutter release button is pressed, move closer to the camera and press it again. The signal does not light when there is frequency interference. In such a case, change the frequency according to the remote control instructions.
- See page 102 for using the Remote control in the Display mode.

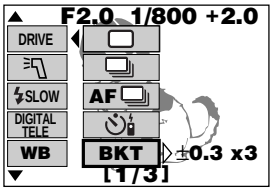
Note:

- The Selftimer/Remote control mode will remain after a picture is taken using the Remote control.
- The working distance may be reduced in brightly lit areas, such as under direct sunlight.
- Do not subject the Remote control window to bright light.
- When the remote control is not operated for approx. 3 minutes, the Selftimer/Remote control mode will be canceled.

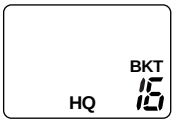
AUTO BRACKET

Images will be recorded sequentially with different exposures. You can select frames to store by erasing unwanted frames.





Control panel



1 **Set the Mode dial to P or A/S/M.**

- For A/S/M, the Shutter priority mode or Aperture priority mode must be selected. (p. 89)

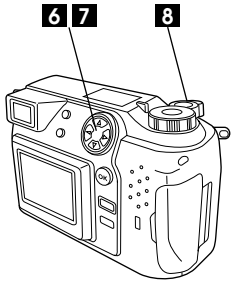
2 **Press the Menu button to display the Menu.**

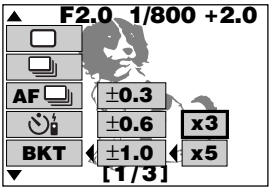
3 **Press the top/bottom arrows on the Jog dial to select DRIVE.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select BKT.**

- BKT appears on the control panel.

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the range.**





6 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the number of pictures.**

7 **Press the left arrow on the Jog dial to confirm the setting.**

8 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

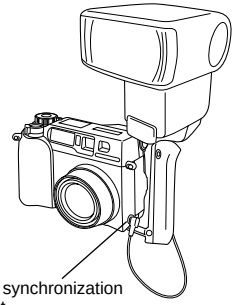
- Press the OK button to save the setting and cancel the Menu.

Note:

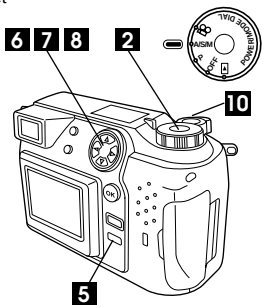
- The focus and white balance will be measured for the first frame.
- Not available in the Manual mode.
- The exposure level will be divided evenly within the selected range and the number of pictures.
- The camera will continue shooting pictures until the selected number is reached even if the Shutter release button is released. Hold the camera firmly until shooting is complete.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

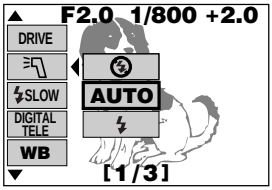
EXTENSION FLASH

When an extension flash is used along with the main flash, shadows can be reduced by bouncing the extension flash light off of the ceilings or walls.



Flash synchronization socket





1 **Place the flash on the mount, then plug the cord into the camera's Flash synchronization socket.**

2 **Set the Mode dial to A/S/M.**
- The LCD monitor turns on automatically.

3 **Turn on the extension flash.**

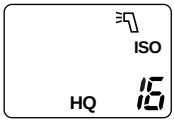
4 **Select the Aperture priority mode or Manual mode. (p. 89)**

5 **Press the Menu button to display the Menu.**

6 **Press the top/bottom arrows on the Jog dial to select .**

7 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select AUTO or .**
- and ISO appear on the control panel.
- If the ISO sensitivity is set to auto, it will be changed to 100.
- When AUTO is selected, the flash will fire automatically when necessary.
- When is selected, the flash will fire every time a picture is taken.

Control panel



8 **Press the left arrow on the Jog dial to confirm the setting.**

9 **Set the extension flash to the calibration mode.**

10 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

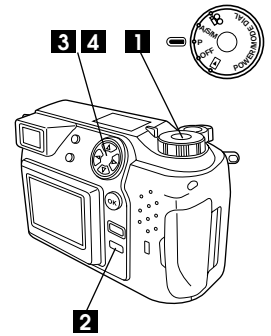
- Press the OK button to save the setting and cancel the Menu.

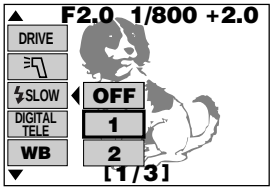
Note:

- Available only in the Aperture priority mode or Manual mode.
- Unless OFF is selected in All Reset, the setting will be canceled and reset to off when the power is turned off. (p. 170)
- The extension flash may fire accidentally, depending on the circumstances.
- The automatic exposure is calibrated for the main flash only and may not work properly with the extension flash.
- With Exposure compensation, the amount of light can be changed for the main flash only.
- When shooting from a close distance, using the extension flash is not recommended to avoid over exposure.
- The Slow shutter synchronization flash mode can be used. (p. 75)

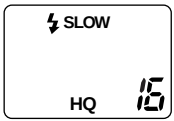
SLOW SHUTTER SYNCHRONIZATION FLASH MODE

You can set the flash to fire during the first or second half of a slow shutter speed's release duration. It is especially great for taking photographs of night views.





Control panel



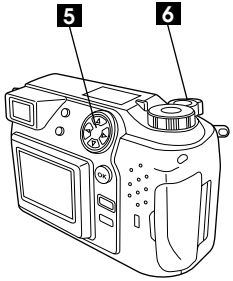
1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select SLOW .**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select 1 or 2.**

- SLOW appears on the control panel.
- Select **1** for capturing images at the beginning of the shutter release duration. The taillights of a moving car will have a forward streak.
- Select **2** for capturing images at the end of the shutter release duration. The taillights of a moving car will have a receding streak.
- When **2** is selected, the flash will fire a pre-flash before the regular flash.



5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

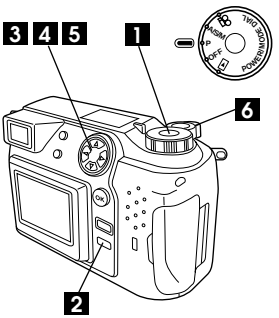
- Press the OK button to save the setting and cancel the Menu.

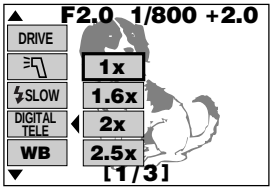
Note:

- This mode can be used with both the main flash and an extension flash.
- Unless OFF is selected in All Reset, the setting will be canceled and reset to off when the power is turned off. (p. 170)

DIGITAL TELE MODE

When used with the 3X optical zoom, you can take an approx. 7.5X zoom photograph.





1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select DIGITAL TELE.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the magnification.**

5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

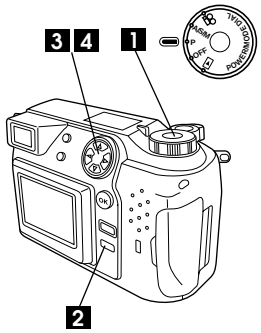
- Press the OK button to save the setting and cancel the Menu.

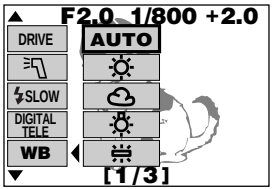
Note:

- This mode cannot be used in the TIFF recording mode.
- Unless OFF is selected in All Reset, the setting will be canceled and reset to 1X when the power is turned off. (p. 170)
- The setting will be canceled and reset to 1X when the LCD monitor is turned off.
- Images may be grainy in this mode.

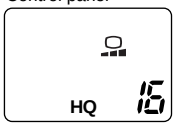
WHITE BALANCE

You can select the white balance according to the light source.





Control panel



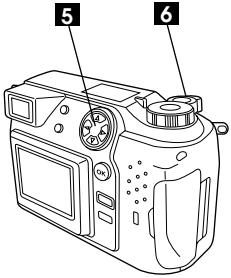
1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select WB.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select AUTO, ☼ (Daylight), ☁ (Overcast), ☼ (Tungsten light) or ▦ (Fluorescent).**

- ▭ appears on the control panel when a setting other than AUTO is selected.



5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

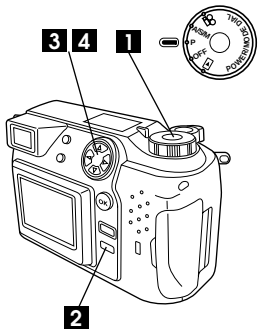
- Press the OK button to save the setting and cancel the Menu.

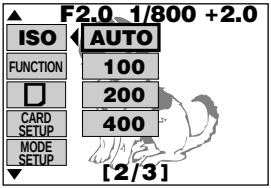
Note:

- Select AUTO in normal situations.
- The Manual white balance may not work under special lighting.
- Unless OFF is selected in All Reset, the setting will be canceled and reset to auto when the power is turned off. (p. 170)
- Confirm results in the Display mode.

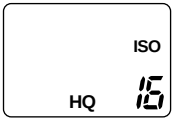
ISO

You can select the sensitivity from auto, as well as approx. 100, 200 and 400.





Control panel



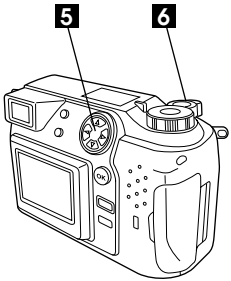
1 **Set the Mode dial to P.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select ISO.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the sensitivity.**

- ISO appears on the control panel when a setting other than auto is selected.



5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

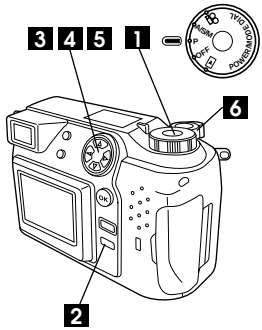
- Press the OK button to save the setting and cancel the Menu.

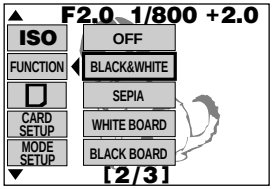
Note:

- Unless OFF is selected in All Reset, the setting will be canceled and reset to auto when the power is turned off. (p. 170)
- When set to auto, it will be changed to 100 when the Mode dial is set to A/S/M.
- Pictures will appear grainy when the ISO is high.
- When AUTO is selected, the ISO is automatically set high in low-light situations when the flash is not used, to prevent blurring from camera movement.
- The sensitivity scale is based on the one used for picture film, but the numbers are for reference only.
- The higher the ISO, the faster the shutter speed that can be used and the lower the amount of light required.

PICTURE EFFECTS

You can select from four picture effects.





1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select FUNCTION.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the desired picture effect.**

5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

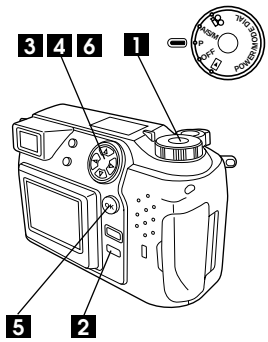
- Press the OK button to save the setting and cancel the Menu.

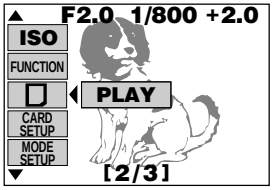
Note:

- When letters cannot be recorded clearly with WHITE BOARD or BLACK BOARD selected, use the exposure compensation. (p. 54)
- Unless OFF is selected in All Reset, the setting will be canceled and reset to off when the power is turned off. (p. 170)
- When the Mode dial is set to 🎥, WHITE BOARD and BLACK BOARD will be reset to off.

PANORAMA MODE

You can make panorama pictures.





1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select .**

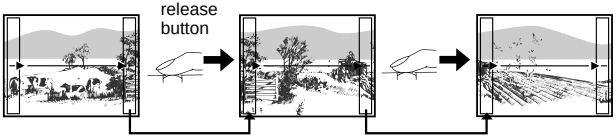
4 **Press the right arrow on the Jog dial to select PLAY.**

5 **Press the OK button.**

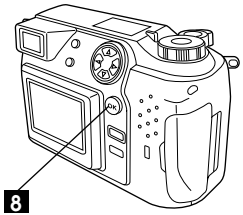
6 **Select the connecting direction (right, left, up, down) using the Jog dial.**

7 **Take pictures by overlapping the edges of the images.**

- A maximum of 10 images can be connected.



Overlap the left end of the picture with the right end of the previous picture (when shooting to the right).



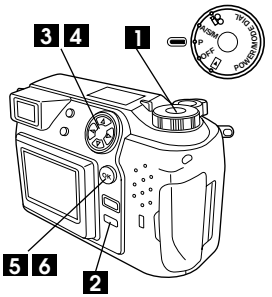
8 **Press the OK button to cancel the Panorama mode and Menu.**

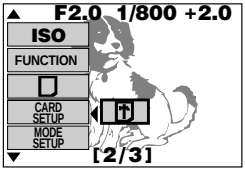
Note:

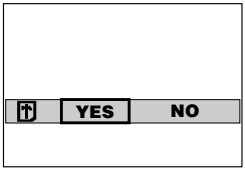
- The Panorama mode is available only when an Olympus brand Standard memory card is used.
- Do not move the Zoom lever after shooting the first picture to avoid problems with picture assembly.
- The flash cannot be used in the Panorama mode.
- Because the focus, the exposure, and the white balance are determined by the first picture, do not shoot overly bright/dark subjects such as the sun in the first frame.
- Use of the SQ mode is recommended to save memory.
- Panorama images must be assembled on a computer. Follow directions carefully for the supplied panorama application to successfully assemble panorama images.
- When a picture is taken in the TIFF (non-compression) recording mode, it will be recorded in the SHQ (JPEG) mode.

CARD SETUP (CARD FORMAT)

You can format the card.







1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select CARD SETUP.**

4 **Press the right arrow on the Jog dial to select .**

5 **Press the OK button to display YES NO.**

6 **Press the OK button again with YES selected to format the card.**

- To cancel, select NO using the right arrow on the Jog dial and press the OK button.

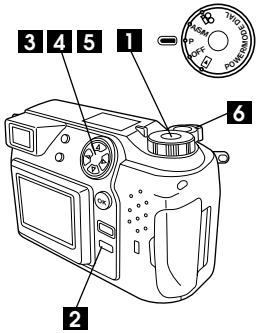
7 **When complete, NO PICTURE appears on the LCD monitor.**

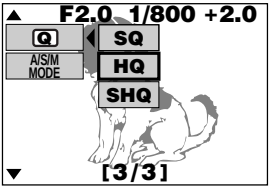
Note:

- Formatting the card erases the existing data, including pictures which have been write-protected from the camera. Be careful not to erase important data when formatting a recorded card.
- Formatting will not be engaged when the write-protect adhesive seal is placed on the card.
- Non-Olympus brand cards or cards formatted from or used in a computer must be formatted by the camera. These cards may take longer to record than recommended Olympus brand cards.
- It is highly recommended that you confirm the contents before formatting.

SELECTING THE RECORDING MODE

You can select the Standard Quality mode SQ or the High Quality modes HQ/SHQ.





1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

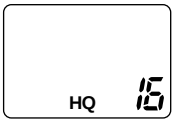
3 **Press the top/bottom arrows on the Jog dial to select Q.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the recording mode.**

- The selected recording mode appears on the control panel.

5 **Press the left arrow on the Jog dial to confirm the setting.**

Control panel



6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

- Press the OK button to save the setting and cancel the Menu.

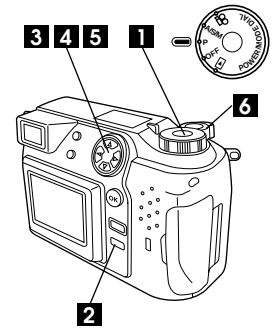
Mode	Resolution	Compression
SQ	640 x 480 (VGA) 1024 x 768 (XGA)	Standard
HQ	1600 x 1200	Standard
SHQ	1600 x 1200	Minimal (JPEG) No (TIFF – larger file size)

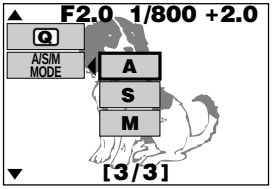
Note:

- You can select VGA (640 x 480 pixels) or XGA (1024 x 768 pixels) for the SQ mode. (p. 174)
- You can select JPEG (compression) or TIFF (non-compression) for the SHQ mode. (p. 173)
- The number of storable pictures varies according to the recording mode. TIFF requires more room in the card than other modes. (p. 36)
- Unless OFF is selected in All Reset, the setting will change to HQ when the power is turned off. (p. 170)
- When the Mode dial is set to , SHQ will change to HQ.
- While HQ and SHQ images have the same number of pixels, SHQ uses lower compression allowing for better image quality when enlarged. It may take a little longer to record or display images in the SHQ mode.

A/S/M MODE

You can select Aperture priority mode, Shutter priority mode or Manual mode for A/S/M on the Mode dial.





1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select A/S/M MODE.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select A (Aperture priority), S (Shutter priority) or M (Manual).**

5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you take a picture without pressing the OK button, the setting will be valid until the Menu is canceled.**

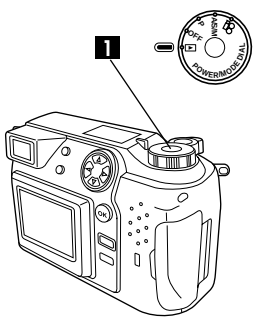
- Press the OK button to save the setting and cancel the Menu.

Note:

- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

DISPLAYING RECORDED PICTURES

You can display the pictures you have taken on the LCD monitor.

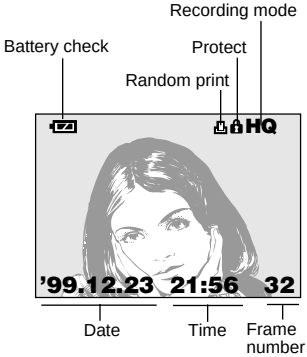


1 **Set the Mode dial to ▶ .**

- The LCD monitor turns on automatically.

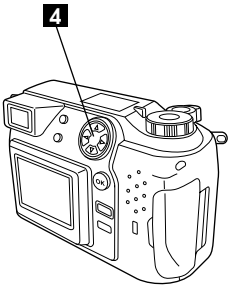
2 **The camera will check the card.**

- If there is a problem, ! blinks on the control panel.
- If Card format is necessary, the camera automatically enters the Card format mode. (p. 100)



3 **The last picture taken, Frame number, Recording mode, and Battery check indicator will appear on the LCD monitor for five seconds. The Date, Print and Protect indicator will also appear if they are set.**

- When there are no pictures stored in the card, NO PICTURE will appear.
- If the battery power is low, the Battery check indicator will blink.
- 🎞 will appear for a movie picture, which can be displayed as a movie. (p. 130)



4 **With each press of the right arrow on the Jog dial, you can view the succeeding picture. With each press of the left arrow, you can view the preceding picture.**

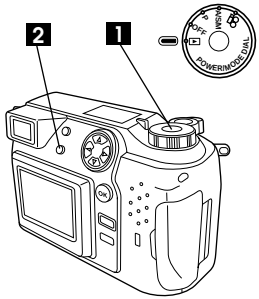
[10-frame jump using the Jog dial]

- With each press of the bottom arrow, you can view the picture 10 frames ahead.
- With each press of the top arrow, you can view the picture 10 frames behind.

Note:
- Do not push the LCD monitor forcibly.
- When turned on, the LCD monitor flashes, and pictures appear in about 0.5 ~ 2 seconds. This is not a malfunction.

PICTURE DATA

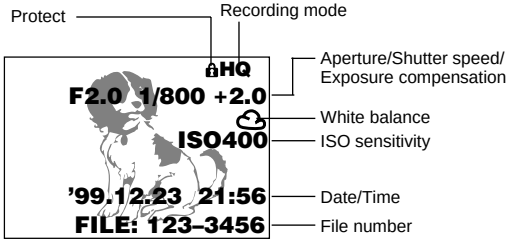
You can display picture information (settings, date, file number, etc.) on the LCD monitor.



1 **Set the Mode dial to ▶.**

- The last picture taken, Frame number, Recording mode and Battery check indicator will appear on the LCD monitor for five seconds.

2 **Press the Info button to display the picture data for that frame for five seconds.**

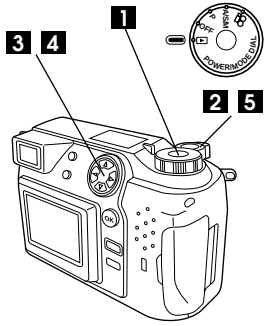


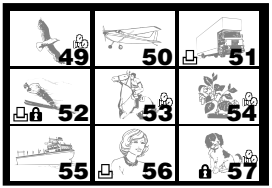
Note:

- When picture data is displayed, the frame number will not be displayed.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

INDEX-DISPLAY MODE

Multiple pictures can be displayed on the LCD monitor.





1 **Set the Mode dial to ▶ .**

2 **Press the Zoom lever toward W to display several pictures on the monitor.**
- It may take a few seconds before the picture is displayed.

3 **Press the right arrow on the Jog dial to select succeeding pictures. Press the left arrow on the Jog dial to select preceding pictures.**

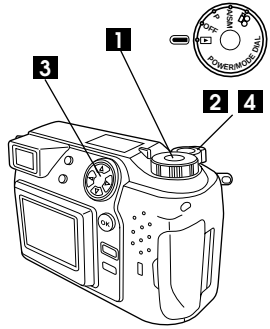
4 **Press the bottom arrow on the Jog dial to select the succeeding group of pictures. Press the top arrow on the Jog dial to select the preceding group of pictures.**

5 **Press the Zoom lever toward T to display the currently selected picture in one frame.**

Note:
- The number of frames can be selected from 4, 9 or 16. (p. 184)
- Press the Info button to display the frame number. Press it again to make it disappear.

CLOSE-UP DISPLAY MODE (3X INSPECTION)

Enlarged pictures can be displayed on the LCD monitor.



1 **Set the Mode dial to ▶, and display the picture you want to enlarge.**

2 **With each press of the Zoom lever toward T, the picture is enlarged 1.5X, 2X, 2.5X, and 3X.**

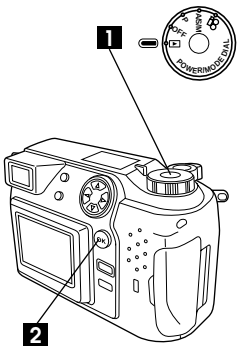
- Pressing the Zoom lever toward W returns to 1X.

3 **Use the Jog dial to select the section of the picture to view.**

4 **To select another picture, select 1X and move the Jog dial.**

PROTECTION

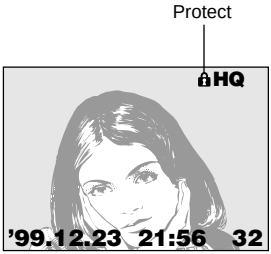
You can prevent accidental erasure of pictures you want to keep.



1 **Set the Mode dial to ▶, and display the picture you want to protect.**

2 **Press the OK button.**

- 🔒 appears on the LCD monitor.
- To cancel protection, press the OK button again while the picture is displayed.
- Protection setting/canceling are also available in the Index-Display mode (p. 93) and the Close-Up display mode (p. 94).

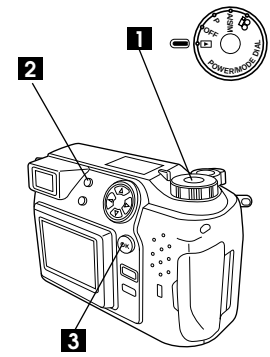


Note:

- The protected picture will not be deleted with All-Frame erase, but will be deleted with Card format.
- Protection is not available when the write-protect adhesive seal is placed on the card.
- The setting will remain until it is readjusted.

ONE-FRAME ERASE

You can delete pictures you do not need.



1 **Set the Mode dial to [▶], and display the picture you want to erase.**

2 **Press the Erase button to display [YES | NO[ ]].**

3 **Press the OK button with YES selected to erase the picture.**

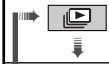
- To cancel, press the OK button with NO selected.
- One-Frame erase is also available in the Index-Display mode (p. 93) and the Close-Up display mode (p. 94).

⚠ Caution:

- **Never open the card cover, eject the card, remove the batteries, or pull the plug while erasing pictures. It may destroy the data in the card.**
- **When the picture is protected or the write-protect adhesive seal is placed on the card, the camera does not enter the Erase mode. Either cancel the protection or remove the seal in order to erase pictures. (Do not use the seal again.)**

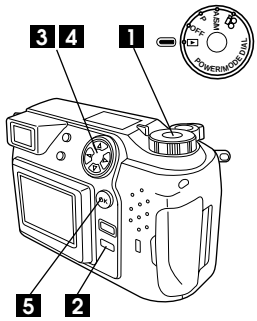
STILL PICTURE DISPLAY MENU

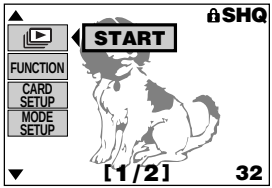
* When the Mode dial is set to ▶ and a still picture is displayed on the LCD monitor. (p. 37)

Monitor display	Use
	For a slide-show display. (p. 98)
	For using with optional Olympus special function SmartMedia cards.
	For performing All-Frame erase or Card format. (p.99/100)
	For making adjustments. [Beep sound (p. 175), Index-Display adjustment (p. 184), Brightness (p. 181), Date set (p. 28)]
	For storing data for Print-All (card). (p. 141)
	For storing data for Date-Print (card). (p. 142)
	For storing data for Index-Print (card). (p. 143)

SLIDE-SHOW MODE

You can run through all the stored pictures automatically.





1 **Set the Mode dial to ▶, and display a still picture.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select 🖼.**
- Press the Menu button to cancel.

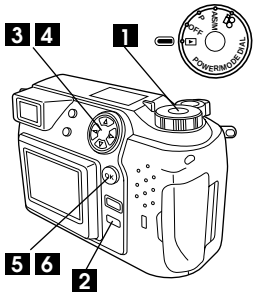
4 **Press the right arrow on the Jog dial to select START.**

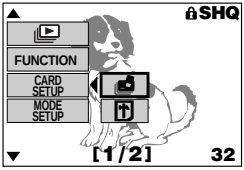
5 **Press the OK button to start the Slide-Show.**
- Press the Menu button to stop it.

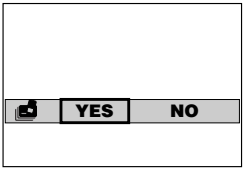
Note:
- The Slide-Show does not stop until you cancel the operation. Press the Menu button to stop it. (When the AC adapter is not connected, the power turns off automatically after about 30 minutes.)

CARD SETUP

ALL-FRAME ERASE







1 **Set the Mode dial to ▶, and display a still picture.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select CARD SETUP.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select .**

5 **Press the OK button to display YES NO.**

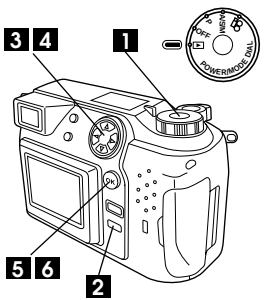
6 **Press the OK button with YES selected to erase all the pictures in the card.**
- To cancel, press the OK button with NO selected.

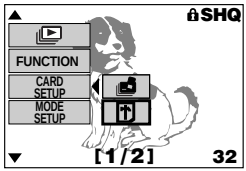
7 **When complete, NO PICTURE appears on the LCD monitor.**
- Protected frames will remain in the card, and the last frame will be displayed. (p. 95)

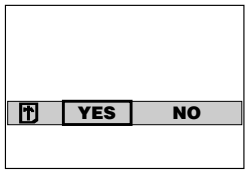
⚠ Caution:
- **Be careful not to erase important picture data by mistake as it cannot be retrieved.**
- **Never open the card cover, eject the card, remove the batteries, or pull the plug while erasing pictures. It may destroy the data in the card.**
- **When a write-protect adhesive seal is placed on the card, the camera does not enter the Erase mode.**

CARD FORMAT

You can format the card.







1 **Set the Mode dial to ▶, and display a still picture.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select CARD SETUP.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select .**

5 **Press the OK button to display [YES NO].**

6 **Press the OK button again with YES selected to format the card.**

- To cancel, select NO using the right arrow on the Jog dial and press the OK button.

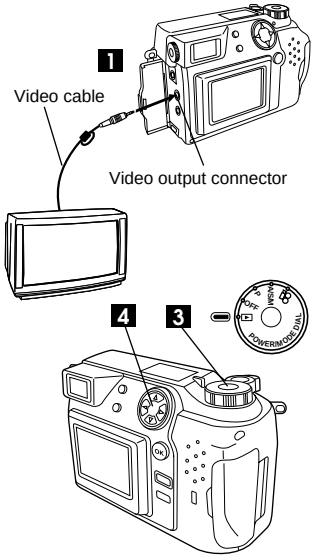
7 **When complete, NO PICTURE appears on the LCD monitor.**

Note:

- Formatting the card erases the existing data, including pictures which have been write-protected from the camera. Be careful not to erase important data when formatting a recorded card.
- Formatting will not be engaged when the write-protect adhesive seal is placed on the card.
- Non-Olympus brand cards or cards formatted from or used in a computer must be formatted by the camera. These cards may take longer to record than recommended Olympus brand cards.
- It is highly recommended that you confirm the contents before formatting.

CONNECTING TO A TELEVISION

Recorded images can be viewed on a TV (PAL only).
Make sure that the power of the TV and the camera are off before connecting.



1 **Connect the cable by inserting it into the video output connector of the camera and the input connector of the TV.**

2 **Turn on the TV.**

3 **Set the Mode dial to ▶ .**

4 **Select a picture using the Jog dial.**

[When using the remote control]

Aim the remote control at the Remote control window on the camera. Press the +/– buttons to select a picture. Press the W button for Index-Display. Press the T button for Close-Up display, and select the section to view with the +/– buttons.

Note:
- The LCD monitor turns off automatically when connected to a TV.
- Refer to your TV/VCR instruction manual for information about displaying video images.
- The picture may appear to be off-center on the TV screen because of the TV adjustment.
- Your TV may produce a black frame around the picture, which may look peculiar when printed to a video printer.
- The use of the optional AC adapter is recommended.
- Images shown on screen can be saved to a video tape.

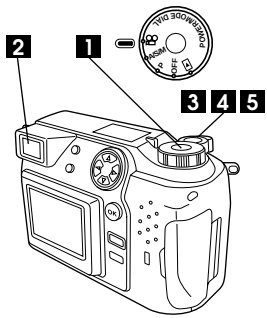
3

MOVIE FUNCTIONS

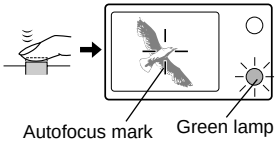
- You can record movies for up to approx. 60 seconds in the SQ mode and approx. 15 seconds in the HQ mode.
- The recorded movie images will be stored as a Motion JPEG file.
- You can observe the images in the Display mode.

RECORDING MOVIES

RECORDING MOVIES USING THE OPTICAL VIEWFINDER

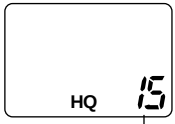


Viewfinder



Autofocus mark Green lamp

Control panel



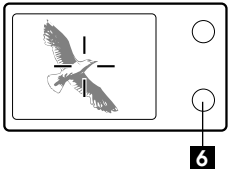
Seconds remaining

1 **Set the Mode dial to 🎥.**

2 **Compose the picture by placing the subject within the autofocus marks in the viewfinder or using the focus lock. (p. 109)**
- Turn the Diopter adjustment dial to see the Autofocus mark clearly.

3 **Press the Shutter release button halfway to lock the focus and exposure.**
- The Green lamp next to the viewfinder lights.
- The focus and exposure will be locked during the recording.
- There are certain conditions where autofocus is difficult to obtain. (p. 46)
- If the Green lamp blinks, the focus or exposure is not locked. Check the working distance. (p. 110)

4 **Press the Shutter release button fully to start recording.**
- The Orange lamp lights while recording.
- You can record up to approx. 60 seconds in the SQ mode and approx. 15 seconds in the HQ mode.
- The seconds remaining appear on the control panel.



5 **Press the Shutter release button fully again to stop recording.**

6 **When the Green lamp stops blinking, the camera is ready to record the next movie.**

- The Shutter will not release while the Green lamp is blinking.

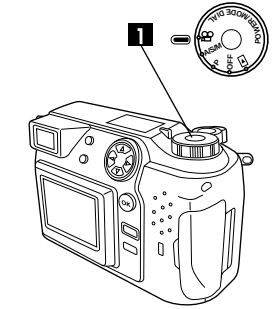
⚠ Caution:

- **NEVER open the card cover, eject the card, remove the batteries, or pull the plug while the Card access lamp is blinking.**

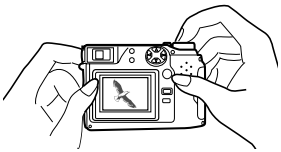
Note:

- Some noise may appear compared to a still picture.
- The zoom function can be used though the speed is slower.
- Printed images will be slightly larger compared with what you see in the viewfinder.

RECORDING MOVIES USING THE LCD MONITOR



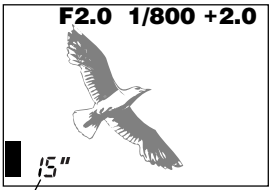
1 **Set the Mode dial to 🎥.**



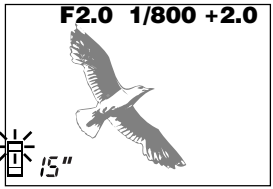
2 **Compose the picture using the LCD monitor.**

3 **Record the movie in the same way as you would when using the optical viewfinder. (p. 104)**

- The seconds remaining appear on the LCD monitor.
- The lower image memory block will light and the camera will start storing the image in the card.
- Unless the card is full, the next movie can be recorded even while the image is being stored, until all of the blocks light.
- When more than 2 movies are recorded, the center block will light.



Seconds remaining

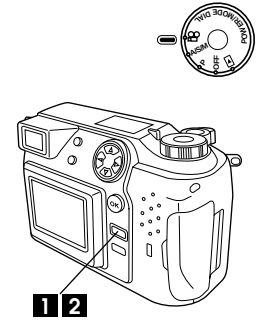


4 **When the buffer memory is full, the upper block will light and no other operation can be performed until the upper block goes off.**

Note:
- Some noise may appear compared to a still picture.
- Do not push the LCD monitor forcibly.
- Pictures that appear on the LCD monitor are for composition purposes only.
- It is recommended to use the optical viewfinder for less camera movement and battery consumption.
- It will take longer to record when the LCD monitor is used.
- When the subject is viewed diagonally in the camera, the edges may appear zigzagged on the LCD monitor. This is not a malfunction; it will be less noticeable in Display mode.
- A strip of light may appear on the top/bottom of the LCD monitor, but this is not a malfunction.
- When a picture is taken in a lighted area, such as in sunlight, vertical lines may appear on the LCD monitor. This is not a malfunction.
- Printed images will be slightly cropped compared with what you see on the LCD monitor.

QUICK VIEW

You can immediately shift from the Record mode to the Display mode, and check the movie you have just recorded.



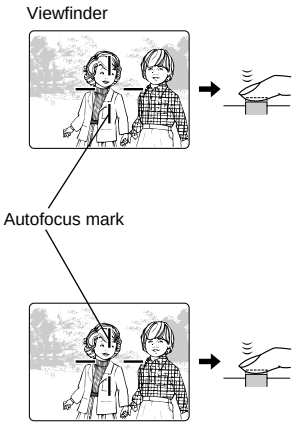
1 **When the Mode dial is set to , quickly press the LCD monitor ON/OFF button twice.**

- The LCD monitor will display the last movie recorded.

2 **To return to the Record mode, press the LCD monitor ON/OFF button or the Shutter release button.**

FOCUS LOCK

If your main subject is not within the autofocus marks, follow the procedure below to obtain focus. This is called focus lock.



1 **Position your subject within the autofocus marks, and press the Shutter release button halfway.**
- The Green lamp next to the viewfinder lights.

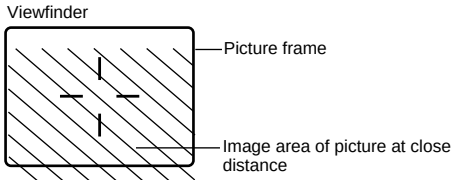
2 **Recompose the picture while keeping the Shutter release button pressed halfway.**

3 **Press the Shutter release button fully to start recording.**

Note:
- If the Green lamp blinks, the focus or exposure is not locked. Check the working distance. (p. 110)

WORKING RANGE

The viewfinder's picture frame shows the area that can be shot for subjects at ∞. However, the picture area will move lower in the viewfinder as you get closer to the subject, especially with Telephoto shooting.



Record movies at a distance between 0.2 m ~ ∞ .

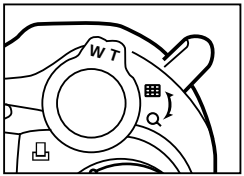
- Subjects closer than 0.2m may turn out to be out of focus and incorrectly exposed.
- Using the LCD monitor as a viewfinder makes it easy to record close-ups.
- Power consumption increases when the LCD monitor is used.

Working range

Macro mode	0.2 ~ 0.8 m
Standard mode	0.8 m ~ ∞

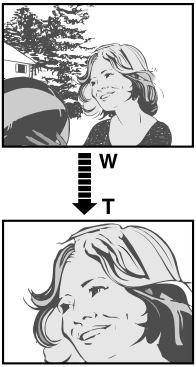
ZOOM

You can select Telephoto or Wide-angle with the 3X zoom lever.



Press the lever to T to choose Telephoto shooting.

Press the lever to W to choose wide-angle shooting.

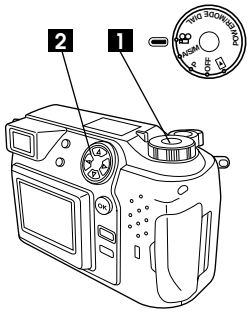


Note:

- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)
- The zooming speed will be slower than when taking a still picture.

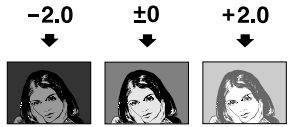
EXPOSURE COMPENSATION

In addition to automatic exposure, you can also adjust it manually by +/– 2 (approx. 1/3 steps). Adjust + when the subject is mostly bright. Adjust – when the subject is mostly dark.

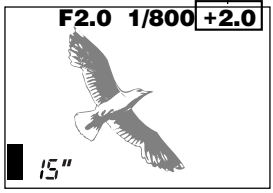


1 **Set the Mode dial to 🎥.**
- The exposure setting will be displayed.

2 **Press the right arrow on the Jog dial for + adjustment and the left arrow for – adjustment.**
- +/– appears on the control panel.



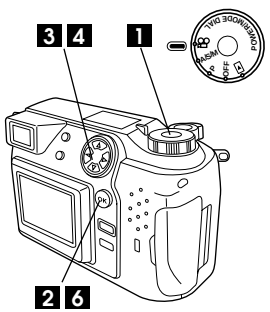
Exposure compensation

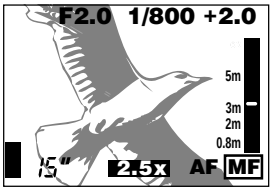


Note:
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)
- Although the brightness of the LCD monitor can be changed with the exposure compensation, it may not appear to change when the subject is mostly dark. In such a case, play the recorded movie on the LCD monitor to check its brightness.

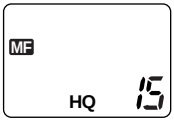
MANUAL FOCUS

With Manual focus, you can select a pre-adjusted focal length.





Control panel



1 **Set the Mode dial to .**

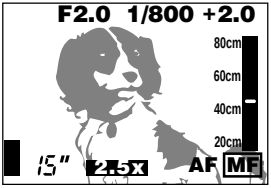
2 **Press the OK button to turn on the LCD monitor.**

3 **Press the right arrow on the Jog dial to select the Manual focus mode.**

- MF appears on the control panel.
- To cancel, press the left arrow on the Jog dial. When MF disappears on the control panel, press the OK button.

4 **While looking at the LCD monitor, press the top/bottom arrows on the Jog dial to select the distance.**

- The display will be enlarged to make focusing easy.



5 **When the cursor is moved below 0.8 m, shorter distances will appear on the LCD monitor.**

6 **Press the OK button to save the setting.**

Note:

- When Manual focus is selected from the Macro mode, the distances on page 114 will be displayed on the LCD monitor.
- The picture may become out of focus when the Zoom lever is pressed after Manual focus is selected. In such a case, readjust the distance using the Jog dial.
- Unless OFF is selected in All Reset, the setting will be canceled and reset to auto focus when the power is turned off. (p. 170)
- The distances on the LCD monitor are for reference only.

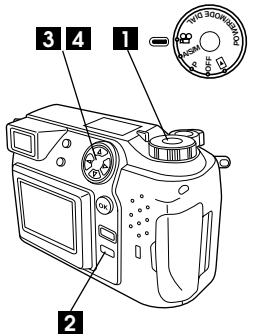
MOVIE PICTURE RECORD MENU

* When the Mode dial is set to . (p. 37)

Monitor Display	Use
	For using the Selftimer/remote control. (p. 116)
	For selecting the white balance. (p. 120)
	For selecting the ISO sensitivity. (p. 122)
	For using picture effects. (p. 124)
	For formatting the card. (p. 125)
	For making adjustments. [All reset (p. 170), Sharpness (p. 172), Beep sound (p. 175), Rec view (p. 176), Brightness (p. 181), Date set (p. 28), Meters/feet (p. 183)]
	For selecting the recording mode (SQ/HQ). (p. 127)

SELFTIMER/REMOTE CONTROL

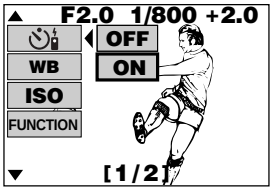
Use a tripod to hold the camera securely.



1 **Set the Mode dial to .**

2 **Press the Menu button to display the Menu.**

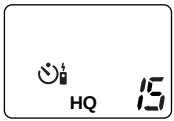
3 **Press the top/bottom arrows on the Jog dial to select .**

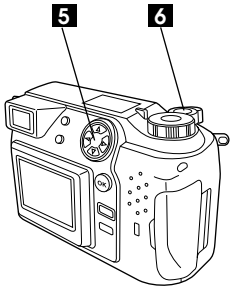


4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select ON .**

- appears on the control panel.

Control panel





5 **Press the left arrow on the Jog dial to confirm the setting.**

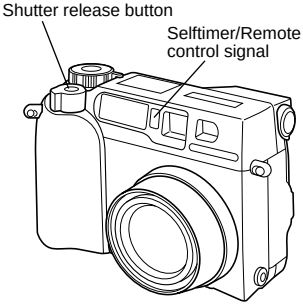
6 **If you record a movie without pressing the OK button, the setting will be valid until the Menu is canceled.**

- Press the OK button to save the setting and cancel the Menu.

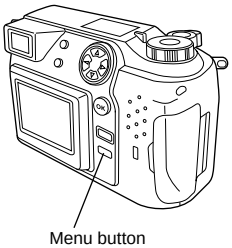
Note:

- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)

RECORDING A MOVIE USING THE SELFTIMER



When the shutter is released, the Selftimer/Remote control signal lights for approx. 10 seconds then blinks for approx. 2 seconds before the movie is recorded.

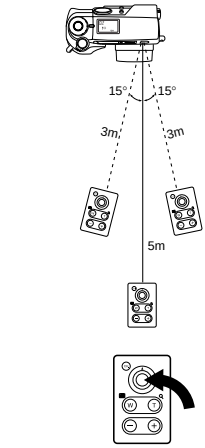


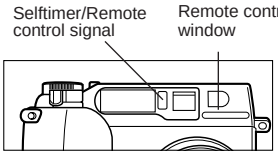
To stop the activated selftimer, press the Menu button.

Note:

- The Selftimer/Remote control mode will be canceled after a movie is recorded using the Selftimer.

RECORDING A MOVIE USING THE REMOTE CONTROL





Compose the picture, aim the remote control at the Remote control window on the camera, then press the Shutter release button on the remote control to record a movie.

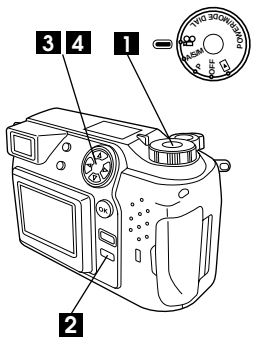
- The Selftimer/Remote control signal blinks for approx. 3 seconds before the movie is recorded. If the signal does not blink when the Shutter release button is pressed, move closer to the camera and press it again. The signal does not light when there is frequency interference. In such a case, change the frequency according to the remote control instructions.
- See page 102 for using the Remote control in the Display mode.

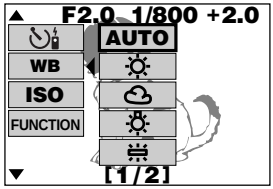
Note:

- The Selftimer/Remote control mode will remain after a movie is recorded using the Remote control.
- The working distance may be reduced in brightly lit areas, such as under direct sunlight.
- Do not subject the Remote control window to bright light.
- When the remote control is not operated for approx. 3 minutes, the Selftimer/Remote control mode will be canceled.

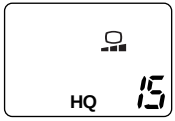
WHITE BALANCE

You can select the white balance according to the light source.





Control panel



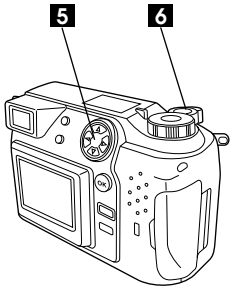
1 **Set the Mode dial to .**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select WB.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select AUTO, (Daylight), (Overcast), (Tungsten light) or (Fluorescent).**

- appears on the control panel when a setting other than AUTO is selected.



5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you record a movie without pressing the OK button, the setting will be valid until the Menu is canceled.**

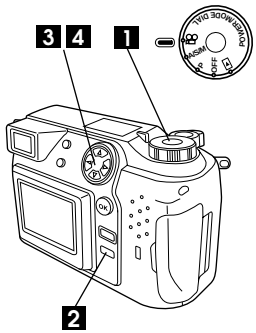
- Press the OK button to save the setting and cancel the Menu.

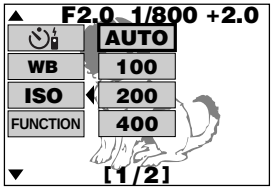
Note:

- Select AUTO in normal situations.
- The Manual white balance may not work under special lighting.
- Unless OFF is selected in All Reset, the setting will be canceled and reset to auto when the power is turned off. (p. 170)
- Confirm results in the Display mode.

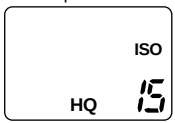
ISO

You can select the sensitivity from auto, as well as approx. 100, 200 and 400.





Control panel



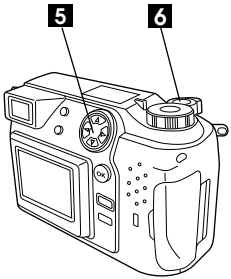
1 **Set the Mode dial to .**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select ISO.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the sensitivity.**

- ISO appears on the control panel when a setting other than auto is selected.



5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you record a movie without pressing the OK button, the setting will be valid until the Menu is canceled.**

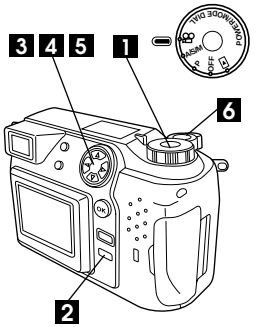
- Press the OK button to save the setting and cancel the Menu.

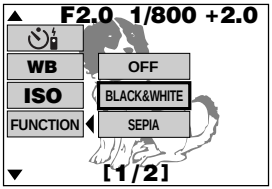
Note:

- Unless OFF is selected in All Reset, the setting will be canceled and reset to auto when the power is turned off. (p. 170)
- Images will appear grainy when the ISO is high.
- When AUTO is selected, the ISO is automatically set high in low-light situations when the flash is not used, to prevent blurring from camera movement.
- The sensitivity scale is based on the one used for picture film, but the numbers are for reference only.
- The higher the ISO, the faster the shutter speed that can be used and the lower the amount of light required.

PICTURE EFFECTS

You can select from two picture effects.





1 **Set the Mode dial to .**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select FUNCTION.**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the desired picture effect.**

5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you record a movie without pressing the OK button, the setting will be valid until the Menu is canceled.**

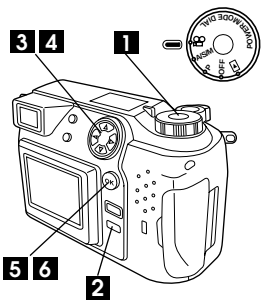
- Press the OK button to save the setting and cancel the Menu.

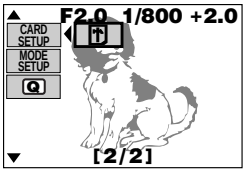
Note:

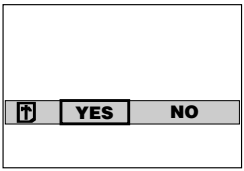
- Unless OFF is selected in All Reset, the setting will be canceled and reset to off when the power is turned off. (p. 170)

CARD SETUP (CARD FORMAT)

You can format the card.







1 **Set the Mode dial to .**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select CARD SETUP.**

4 **Press the right arrow on the Jog dial to select .**

5 **Press the OK button to display YES NO.**

6 **Press the OK button again with YES selected to format the card.**

- To cancel, select NO using the right arrow on the Jog dial and press the OK button.

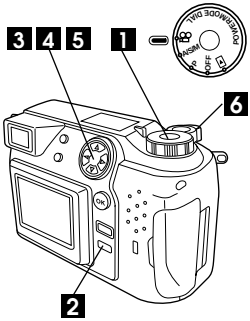
7 **When complete, NO PICTURE appears on the LCD monitor.**

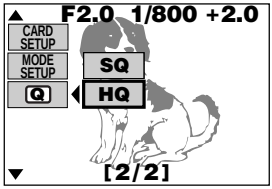
Note:

- Formatting the card erases the existing data, including pictures which have been write-protected from the camera. Be careful not to erase important data when formatting a recorded card.
- Formatting will not be engaged when the write-protect adhesive seal is placed on the card.
- Non-Olympus brand cards or cards formatted from or used in a computer must be formatted by the camera. These cards may take longer to record than recommended Olympus brand cards.
- It is highly recommended that you confirm the contents before formatting.

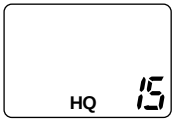
SELECTING THE RECORDING MODE

You can select the Standard Quality mode SQ or the High Quality mode HQ.





Control panel



1 **Set the Mode dial to .**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select .**

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the recording mode.**

- The selected recording mode appears on the control panel.

5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **If you record a movie without pressing the OK button, the setting will be valid until the Menu is canceled.**

- Press the OK button to save the setting and cancel the Menu.

Mode	Resolution
SQ	160 x 120 (5 frames/sec.)
HQ	320 x 240 (5 frames/sec.)

Note:

- The seconds remaining varies according to the recording mode. (p. 104)
- Unless OFF is selected in All Reset, the setting will change to HQ when the power is turned off. (p. 170)

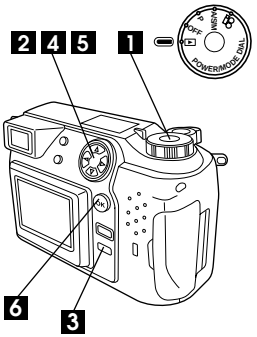
MOVIE PICTURE DISPLAY MENU

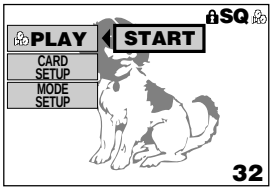
* When the Mode dial is set to [▶] and a movie picture is displayed on the LCD monitor. (p. 37)

Monitor display	Use
	For displaying movie pictures as a movie. (p. 130)
	For performing All-Frame erase or Card format. (p. 132/134)
	For making adjustments. [Beep sound (p. 175), Index-Display adjustment (p. 184), Brightness (p. 181), Date set (p. 28)]

PLAYING MOVIES

You can play movies you have recorded. 🎬 will appear on the LCD monitor for movies.





1 **Set the Mode dial to ▶.**
- The LCD monitor turns on automatically.

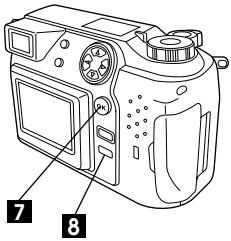
2 **Display a picture with 🎬 on the LCD monitor using the Jog dial.**

3 **Press the Menu button to display the Menu.**

4 **Press the top/bottom arrows on the Jog dial to select 🎬 PLAY.**
- To cancel, press the Menu button.

5 **Press the right arrow on the Jog dial to select START.**

6 **Press the OK button to start the movie.**



7 **Press the OK button during the movie to pause it. Press it again to restart.**

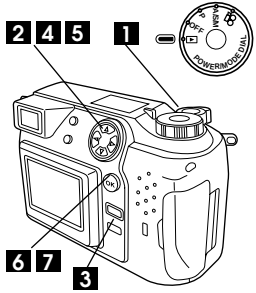
8 **Press the Menu button during the movie to stop it.**

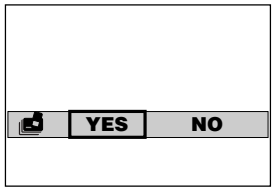
- The following operations can be performed during pause.
  Press the top arrow on the Jog dial to pause at the beginning of the movie. Press the bottom arrow to pause at the ending of the movie.
  Press the right arrow on the Jog dial to start the movie. Press the left arrow to play it backwards.

Note:
- Movies can be played on a TV as well. (p. 102)

CARD SETUP

ALL-FRAME ERASE





1 Set the Mode dial to ▶.

2 Display a picture with 🎥 on the LCD monitor using the Jog dial.

3 Press the Menu button to display the Menu.

4 Press the top/bottom arrows on the Jog dial to select CARD SETUP.

5 Press the right arrow on the Jog dial, then press the top/bottom arrows to select 📷.

6 Press the OK button to display 📷 YES NO.

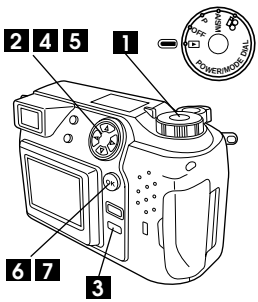
7 **Press the OK button with YES selected to erase all the pictures in the card.**
- To cancel, press the OK button with NO selected.

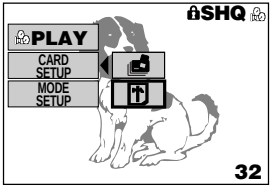
8 **When complete, NO PICTURE appears on the LCD monitor.**
- Protected frames will remain in the card, and the last frame will be displayed. (p. 95)

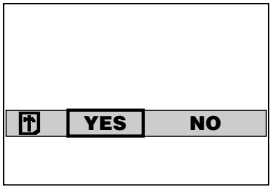
⚠ Caution:
- **Be careful not to erase important picture data by mistake as it cannot be retrieved.**
- **Never open the card cover, eject the card, remove the batteries, or pull the plug while erasing pictures. It may destroy the data in the card.**
- **When a write-protect adhesive seal is placed on the card, the camera does not enter the Erase mode.**

CARD FORMAT

You can format the card.







1 **Set the Mode dial to ▶.**

2 **Display a picture with 🎥 on the LCD monitor using the Jog dial.**

3 **Press the Menu button to display the Menu.**

4 **Press the top/bottom arrows on the Jog dial to select CARD SETUP.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select 🗑.**

6 **Press the OK button to display 🗑 YES NO.**

7 **Press the OK button again with YES selected to format the card.**

- To cancel, select NO using the right arrow on the Jog dial and press the OK button.

8 **When complete, NO PICTURE appears on the LCD monitor.**

Note:

- Formatting the card erases the existing data, including pictures which have been write-protected from the camera. Be careful not to erase important data when formatting a recorded card.
- Formatting will not be engaged when the write-protect adhesive seal is placed on the card.
- Non-Olympus brand cards or cards formatted from or used in a computer must be formatted by the camera. These cards may take longer to record than recommended Olympus brand cards.
- It is highly recommended that you confirm the contents before formatting.

4

PRINTING PICTURES

PRINTING PICTURES

There are two types of printing available with this camera.

One is Card-Print, which stores data conforming to the “Design rule for Camera File system” standard in the card for making prints using a printer or lab that supports this system. (p. 139 ~ 143)

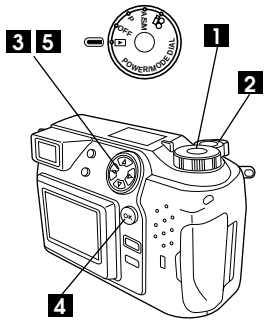
The other is Direct-Print, which is for use with the Olympus P-330NE, P-330E, P-300E or P-150E printer.

- When using the P-330NE/P-330E printer, simply insert a card that contains images into the printer and direct-print them. No cables are necessary.
  (The procedure for making prints must be performed on the printer. See the printer instructions for details.)
- When using the P-300E/P-150E printer, connect the camera to the printer to make prints. (p. 144 ~ 154)

CARD-PRINT

PRINT-RESERVE (CARD)

You can store data for making prints with a printer or at a lab that supports this system. (p. 138)



1 **Set the Mode dial to ▶.**

2 **Display the picture you want to print, then press the Shutter release button.**

- 0123456 appears on the LCD monitor.
- To cancel, press the Shutter release button again.

3 **Press the right/left arrows on the Jog dial to select the number of pictures to be printed.**

4 **Press the OK button.**

- appears on the LCD monitor.

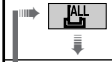
5 **Repeat until all the selections are made.**

Note:

- With the P-330NE/P-330E printer, the number of pictures to be printed must be set on the printer. Pictures with a frame number greater than 256 cannot be printed.
- The data will remain in the card until the setting is changed.
- To cancel all of the selections, select in the Print-All (card) mode. (p. 141)
- Functions may not work fully depending on the printer or the lab used.
- It may take a while to store data in the card.

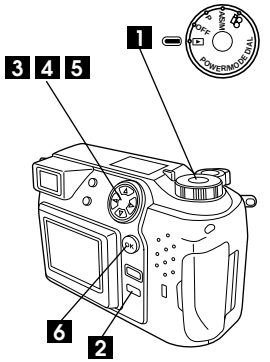
STILL PICTURE DISPLAY MENU (CARD-PRINT)

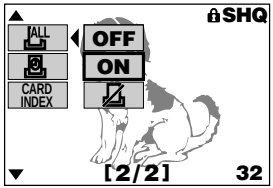
* When the Mode dial is set to [▶] and a still picture is displayed on the LCD monitor. (Page 2/2 of the Menu.) (p. 37)

Monitor display	Use
	For storing data for Print-All (card). (p. 141)
	For storing data for Date-Print (card). (p. 142)
	For storing data for Index-Print (card). (p. 143)

PRINT-ALL (CARD)

You can store data for printing all the pictures in the card. (p. 138)





1 **Set the Mode dial to ▶, and display a still picture.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select ALL.**
- To cancel, press the Menu button.

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select ON.**

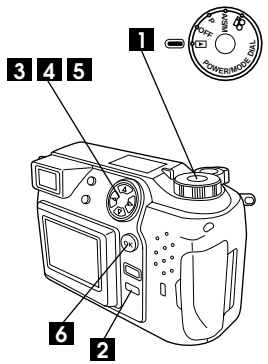
5 **Press the left arrow on the Jog dial to confirm the setting.**

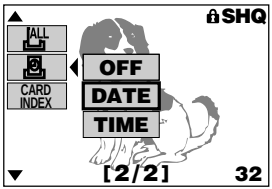
6 **Press the OK button to save the setting and cancel the Menu.**
- Make sure to press the OK button while ALL is displayed on the LCD monitor.

Note:
- The last number set for the number of pictures to be printed in Print-Reserve (p. 139) will be used for printing all the pictures.
- Pictures taken after this function is selected will not be printed.
- ⊠ cancels all the settings made for Card-Print. (p. 139 ~ 143)
- The data will remain in the card until the setting is changed.
- With the P-330NE/P-330E printer, pictures with a frame number greater than 256 cannot be printed.
- It may take a while to store data in the card.

DATE-PRINT (CARD)

You can store data for printing the date with pictures. (p. 138)





1 **Set the Mode dial to ▶, and display a still picture.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select 🖼.**
- To cancel, press the Menu button.

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select TIME or DATE.**

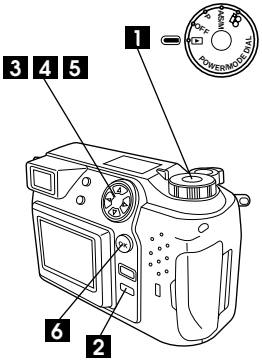
5 **Press the left arrow on the Jog dial to confirm the setting.**

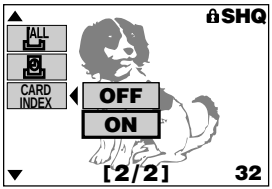
6 **Press the OK button to save the setting and cancel the Menu.**
- Make sure to press the OK button while 🖼 is displayed on the LCD monitor.

Note:
- Set the date beforehand.
- Pictures taken after this function is selected will not be printed.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)
- When using the P-330NE/P-330E printer, Date-Print must be set on the printer.
- It may take a while to store data in the card.

INDEX-PRINT (CARD)

You can store data for making index prints. (p. 138)





1 **Set the Mode dial to ▶, and display a still picture.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select CARD INDEX.**
- To cancel, press the Menu button.

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select ON.**

5 **Press the left arrow on the Jog dial to confirm the setting.**

6 **Press the OK button to save the setting and cancel the Menu.**
- Make sure to press the OK button while CARD INDEX is displayed on the LCD monitor.

Note:
- The print format varies depending on the printer or lab used.
- Pictures taken after this function is selected will not be printed.
- Unless OFF is selected in All Reset, the setting will be canceled when the power is turned off. (p. 170)
- When using the P-330NE/P-330E printer, Index-Print must be set on the printer.
- It may take a while to store data in the card.

DIRECT-PRINT

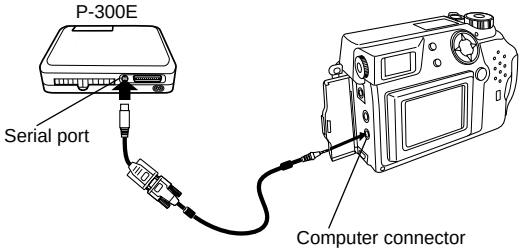
PRINTING WITH THE P-300E/P-150E

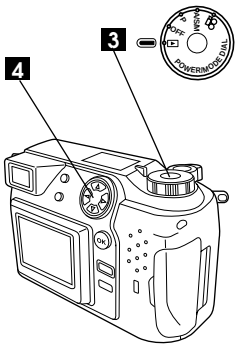
By connecting the camera to the P-300E/P-150E printer with the direct connect cable, pictures can be printed directly from the camera.

Make sure that the power of the printer and the camera are off before connecting.

1 **Remove the lens cap.**

2 **Connect the computer connector of the camera to the serial port of the printer with the provided RS-232C cable and conversion connector for Mac. Turn on the printer.**





3 **Set the Mode dial to ▶ to turn on the LCD monitor.**

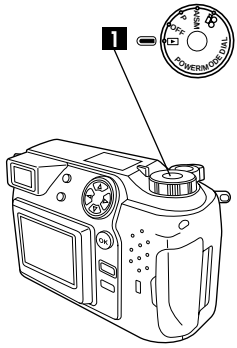
4 **Select the picture you want to print using the Jog dial.**

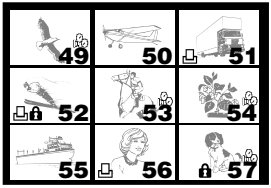
5 **Enter the number of copies to be printed on the printer (P-300E only), then press the DIRECT PRINT button on the printer to start printing.**

Note:
- The power of the printer and the camera must be OFF in order to be connected.
- If the printer does not start printing when the DIRECT PRINT button is pressed, turn off the printer, connect the cables correctly, turn on the printer and press the DIRECT PRINT button again.
- The LCD monitor display goes off during printing, and other operations are disabled.
- The date can be printed as well. (p. 154)
- The use of the optional AC adapter is recommended.
- Images taken in TIFF (non-compression) cannot be printed.

INDEX PRINT (P-300E/P-150E)

Index prints can be made.





1 **Connect the camera to the printer, then set the Mode dial to ▶.**

- See page 144 for connection to the printer.

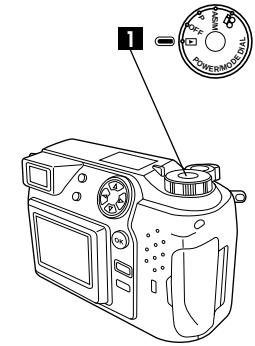
2 **Select the Index-Display mode. (p. 93)**

3 **Enter the number of copies to be printed on the printer (P-300E only), then press the DIRECT PRINT button to start printing.**

- After printing, the display advances to the next group of index pictures.
- The date will be always printed in Index Print. Set the date beforehand.

CLOSE-UP PRINT (P-300E/P-150E)

You can print enlarged images.



1 **Connect the camera to the printer, then set the Mode dial to ▶.**

- See page 144 for connection to the printer.

2 **Select the Close-Up display mode. (p. 94)**

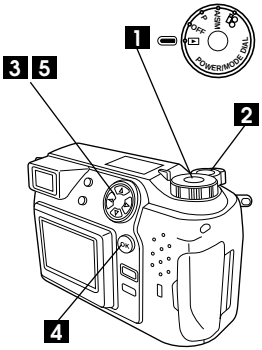
3 **Enter the number of copies to be printed on the printer (P-300E only), then press the DIRECT PRINT button to start printing.**

Note:

- Use of HQ/SHQ recording modes is recommended for high image quality.

RANDOM PRINT (P-300E)

You can select a series of pictures to be direct-printed to the P-300E printer.



1 **Connect the camera to the printer, then set the Mode dial to [▶].**

- See page 144 for connection to the printer.

2 **Display the picture you want to print, then press the Shutter release button.**

- [x 0123456] appears on the LCD monitor.
- To cancel, press the Shutter release button again.

3 **Press the right/left arrows on the Jog dial to select the number of pictures to be printed.**

4 **Press the OK button.**

- 🖶 appears on the LCD monitor.

5 **Repeat until all the selections are made.**

6 **Enter the number of copies to be printed on the printer, then press the DIRECT PRINT button to start printing.**

Note:
- This mode is available only when the camera is connected to the P-300E printer.
- The selection data will remain even after printing, but will be erased when the Mode dial is switched.
- To cancel all the selections, select in All print. (p. 151)
- Selections can also be made from the Index-Display screen, but you must return to the regular 1-frame display to make prints.
- The use of the optional AC adapter is recommended.

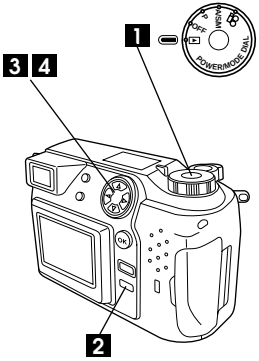
DIRECT PRINT MENU

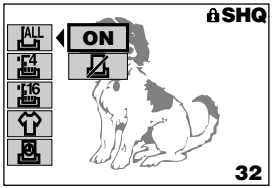
* When the Mode dial is set to ▶ and the camera is connected to a P-300E/P-150E printer. (p. 37)

Monitor display	Use
	For printing all the pictures in the card. (p. 151)
	For making 4-cut prints. (p. 152)
	For making 16-cut prints. (p. 152)
	For making mirror-image prints. (p. 153)
	For printing the date with pictures. (p. 154)

ALL PRINT (P-300E)

You can print all the pictures in the card using the P-300E printer.





1 **Connect the camera to the printer, then set the Mode dial to ▶.**
- See page 144 for connection to the printer.

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select ALL.**
- To cancel, press the Menu button.

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select ON.**
- If the OK button is pressed here, the setting will be saved and the Menu will be canceled.

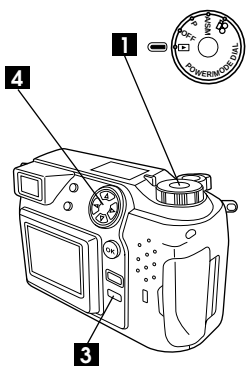
5 **Enter the number of copies to be printed on the printer, then press the DIRECT PRINT button to start printing.**

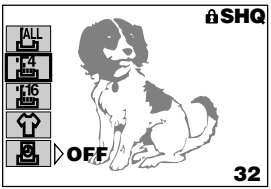
Note:
- Select ☐ to cancel All print as well as the selections made in Random print. (p. 148)
- The use of the optional AC adapter is recommended.

CUT PRINT (P-300E/P-150E)

You can make 4/16-cut prints using the P-300E/P-150E printer.

- In order to make sticker prints, the specialty paper must be set in the P-300E/P-150E printer's paper feeder.





1 **Connect the camera to the printer, then set the Mode dial to ▶.**

- See page 144 for connection to the printer.

2 **Display the picture you want to print.**

3 **Press the Menu button to display the Menu.**

4 **Press the top/bottom arrows on the Jog dial to select 4 or 16.**

- To cancel, press the Menu button.

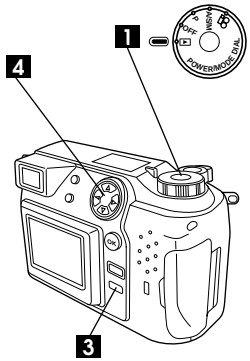
5 **Enter the number of copies to be printed on the printer (P-300E only), then press the DIRECT PRINT button to start printing.**

Note:

- The adjustment will be canceled when the Menu mode is canceled.
- Date print is not available in the 4/16-cut print modes.
- Since the file size is reduced to make cut prints, the image quality may be affected.

MIRROR PRINT (P-300E/P-150E)

You can make mirror-image prints using the P-300E/P-150E printer. This mode is especially useful for making T-shirt prints.



1 **Connect the camera to the printer, then set the Mode dial to ▶.**

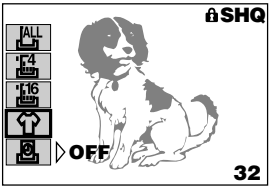
- See page 144 for connection to the printer.

2 **Display the picture you want to print.**

3 **Press the Menu button to display the Menu.**

4 **Press the top/bottom arrows on the Jog dial to select 👕.**

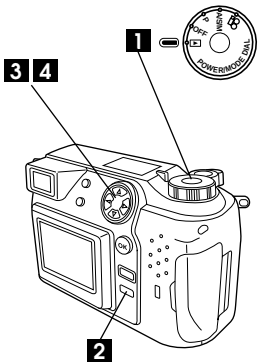
- To cancel, press the Menu button.

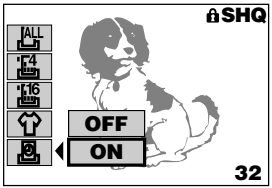


5 **Enter the number of copies to be printed on the printer (P-300E only), then press the DIRECT PRINT button to start printing.**

DATE PRINT (P-300E/P-150E)

You can print the date with pictures using the P-300E/P-150E printer.





1 **Connect the camera to the printer, then set the Mode dial to ▶.**
- See page 144 for connection to the printer.

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select 🖨.**
- To cancel, press the Menu button.

4 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select ON.**
- If the OK button is pressed here, the setting will be saved and the Menu will be canceled.

5 **Enter the number of copies to be printed on the printer (P-300E only), then press the DIRECT PRINT button to start printing.**

Note:
- Set the date beforehand. (p. 28)
- Date print is not available in the 4/16-cut print modes.

5

USING A PERSONAL COMPUTER

COMPUTER SYSTEM REQUIREMENTS

When using the provided utility software:
Personal computers used with this camera must conform to the following minimum standards.

- IBM PC/AT compatible
  Windows 98/95/NT4.0 : Pentium or later
  CD-ROM drive
  16MB RAM (Windows 98/95)
  24MB RAM (Windows NT 4.0)
  45MB available HD space
  Standard RS-232C interface
  D-SUB 9-pin connector
  Monitor with 256 colors
  640 x 480 screen resolution

- Apple Macintosh
  PowerPC 601 or later
  Mac OS 7.6.1 ~ 8.6
  CD-ROM drive
  24MB RAM
  45MB available HD space
  Mac standard serial port
  Monitor with 256 colors
  640 x 480 screen resolution

* The iMac cannot be used.

INSTALLING PROVIDED SOFTWARE

By installing the provided software (CAMEDIA Master), you can download images to a computer via the serial cable and access the following functions. For installation and operation, refer to the software's online manual.

• **Image download**

Image download via the RS-232C cable, as well as support for adding/canceling Protection, picture erase, date set, and others.

• **Image viewer**

Single and Index display, Slide-Show, and easy image storage.

• **Format exchange**

Image rotation, format exchange and file renaming can be done from the index window.

• **Image processing**

Rotation (90° clockwise, 90° counterclockwise, 180°, desired angle), changing the number of colors, size change, text insertion, and filtering (brightness, contrast, color balance, sharpness).

• **Function support**

[Panorama function]: Connection of images taken in the Panorama mode on the camera.

[Template function]: Joining of picture data with original Template images.

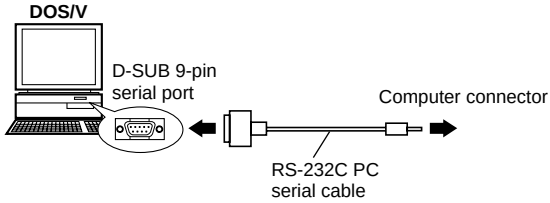
• **Printing**

Single print, Date print, Index print, Layout print (3/4/6 shots).

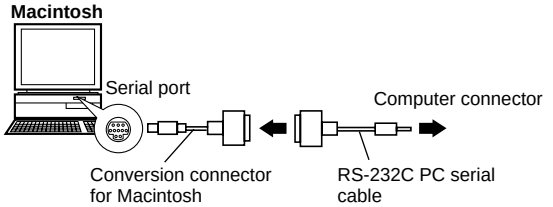
CONNECTING TO A PERSONAL COMPUTER

Use the appropriate connector according to your computer's platform.

- **IBM PC/AT compatible**
  Connect the provided RS-232C PC serial cable to the D-SUB 9-pin COM 1 or COM 2 serial port on your computer.



- **Apple Macintosh or compatible**
  Attach the provided conversion connector for Macintosh to the printer serial port or modem serial port on your computer, and then connect the RS-232C PC serial cable. **(Turn off AppleTalk if connected to the printer port.)**
  The enclosed Macintosh conversion connector allows you to connect your camera to a Macintosh computer. It cannot be used to connect a Macintosh to a printer.



Note:
- In order to prevent battery consumption, the use of the optional AC adapter is recommended.

USING A PERSONAL COMPUTER

1 **Make sure that the power of the personal computer and the camera are OFF.**

2 **Connect the RS-232C PC serial cable to the computer's serial port.**

3 **Remove the lens cap, and connect the cable to the camera's Computer connector.**

4 **Set the Mode dial on the camera to ▶.**

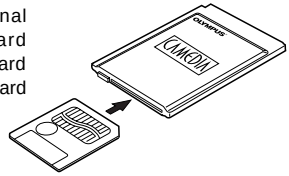
5 **Start CAMEDIA Master on the computer.**

Note:
- Do not connect when the power of the camera is on as it may cause a camera malfunction.
- Use of the optional AC adapter is recommended for computer downloads.
- Camera functions will be disabled while the camera is connected to a computer.
- The computer cannot communicate with the camera while the camera is connected to a TV.

TRANSFERRING DATA FROM SmartMedia

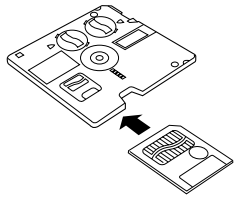
PC CARD ADAPTER

The picture data in the SmartMedia can be directly transferred to a personal computer equipped with a PC card (PCMCIA) slot or an external PC card reader/writer, using the optional PC Card Adapter.



FlashPath FLOPPYDISK ADAPTER

The picture data in the SmartMedia can be directly transferred to a personal computer equipped with a 3.5" FDD, using the optional FlashPath Floppydisk Adapter.



SmartMedia READER/WRITER

The picture data in the SmartMedia can be directly transferred to a personal computer (Windows 98/Mac OS 8.6) equipped with a USB port, using the optional SmartMedia Reader/Writer.

Note:

- Check for compatibility. This equipment may not function properly on all operating systems.
- Do not use a SmartMedia with Write-protect adhesive seal on a computer as it will cause errors. (Refer to the instructions of the adapters.)

USING CAMEDIA Master

VIEWING IMAGES STORED IN THE CARD ON YOUR COMPUTER

You can view images stored in a SmartMedia card via CAMEDIA Master.

1 **Start CAMEDIA Master on the computer.**

2 **Click on [My Camera].**

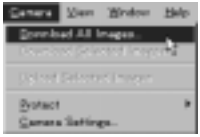
3 **A thumbnail index of stored images will be displayed.**

4 **Place the cursor on the desired image and double-click on it.**
This will magnify and display the selected image.

TRANSFERRING DATA USING CAMEDIA Master

CAMEDIA Master transfers images stored in the card to your computer.

1 **Start CAMEDIA Master on the computer.**



2 **Select [Camera] - [Download All Images] on the menu bar.**
The computer will start transferring images from the camera to the computer.

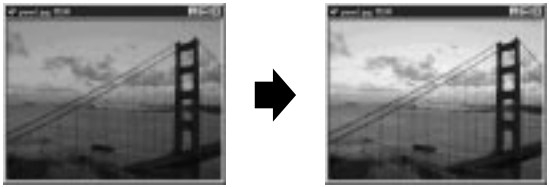
Note
- You can view images using software such as graphics applications that support JPEG like Paint Shop Pro/Photoshop, Internet browsers like Netscape Communicator/Microsoft Internet Explorer, and CAMEDIA Master (supplied with the camera).

PROCESSING IMAGES USING CAMEDIA Master

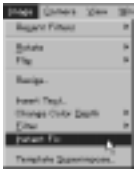
You can process images (changing tones, composing, and so on) using the provided CAMEDIA Master or other application software.

MAKING DARK IMAGES BRIGHT

Some images may come out darker than expected. You can try taking pictures again right after shooting, but may often miss the right moment for a good picture. This is where CAMEDIA Master Instant Fix comes in. You can easily brighten images.



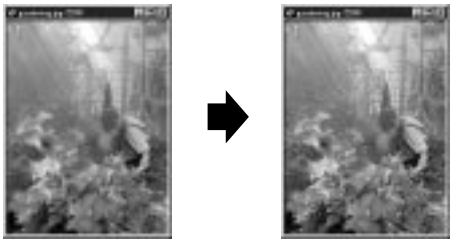
1 **Place the cursor on the desired image and double-click on it.**
This will display the selected image.



2 **Select [Image] - [Instant Fix] on the menu bar.**
This will brighten the selected image.

CORRECTING BLURRY IMAGES

Backlight sometimes make the whole image blurry, and an object which stands before the subject may be out-of-focus. Use CAMEDIA Master Sharpen when this happens to sharpen the whole image. However, you should note that it doesn't wipe out image blur thoroughly.



1 **Place the cursor on the image you want to correct and double-click on it.**
This will display the selected image.

2 **Select [Image] – [Filter] – [Sharpen] on the menu bar.**

3 **Specify the degree of sharpness either by sliding the slide bar or inputting a value from 1 to 9, while comparing "Original" and "New".**

4 **When you are happy with the new image, click on [OK].**

This will sharpen the selected image.

COMPOSING IMAGES WITH TEMPLATES

You can easily compose images with templates in CAMEDIA Master.

1 **Place the cursor on the image you want to compose and double-click on it.**
This will display the selected image.

2 **Select [Image] - [Template Superimpose] on the menu bar.**
This will display the compose window.

3 **Select a template and click on [Apply].**
This will display the preview image.

4 **When you are happy with the sample image, click on [OK].**
The composed image will be displayed.

There are a lot of functions for editing images in addition to those mentioned here. See the online help of CAMEDIA Master for information on other functions.

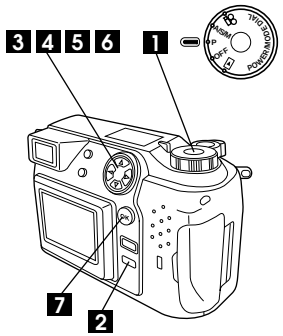
6

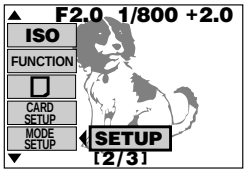
CAMERA SETTINGS

- The settings can be adjusted in the Menu. Each Menu (still picture record menu, still picture display menu, movie picture record menu and movie picture display menu) has different available settings. (p. 64/97/115/129)

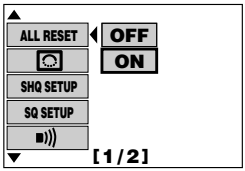
ALL RESET

Clears adjustments and returns to the default settings.





(Still Picture Record Menu)



1 **Set the Mode dial to P, A/S/M or 🎥.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select ALL RESET.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select ON or OFF.**

- When ON is selected, settings will be canceled and reset to the default when the power is turned off.
- When OFF is selected, settings will remain even when the power is turned off.

6 **Press the left arrow on the Jog dial to confirm the setting.**

7 **Press the OK button to save the setting. Press again to cancel the Menu.**

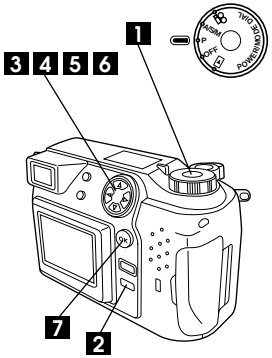
Note:
- The setting will remain until it is readjusted.

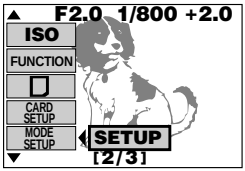
With ON selected, the settings of the following items will be canceled and reset to the default when the power is turned off.

Aperture priority mode (p. 49),
Shutter priority mode (p. 50),
Manual mode (p. 52),
Zoom (p. 53/111),
Exposure compensation (p. 54/112),
Flash modes (p. 55),
Spot metering mode (p. 59),
Macro mode (p. 60),
Macro + Spot metering mode (p. 61),
Manual focus (p. 62/113),
Sequence mode (p. 65),
Selftimer/Remote control (p. 67/116),
Auto bracket (p. 71),
Extension flash (p. 73),
Slow shutter synchronization flash (p. 75),
Digital tele mode (p. 77),
White balance (p. 78/120),
ISO setting (p. 80/122),
Picture effects (p. 82/124),
Recording mode (p. 87/127),
A/S/M mode setting (p. 89),
Picture data (p. 92),
Date-print (card) (p. 142),
Index-print (card) (p. 143),
Direct-Prints (p. 144 ~ 154)

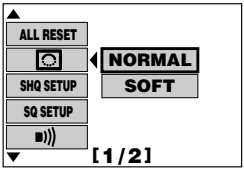
SHARPNESS

You can select the image sharpness.





(Still Picture Record Menu)



1 **Set the Mode dial to P, A/S/M or 🎥.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select 📷.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select NORMAL or SOFT.**

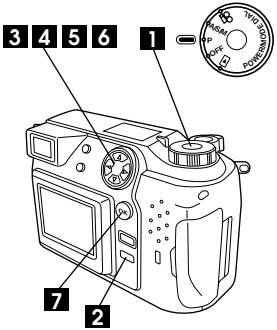
6 **Press the left arrow on the Jog dial to confirm the setting.**

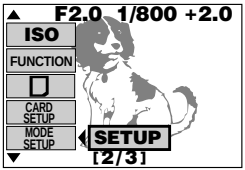
7 **Press the OK button to save the setting. Press again to cancel the Menu.**

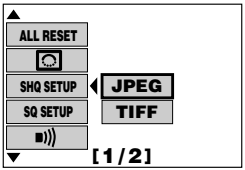
Note:
• The setting will remain until it is readjusted.

SHQ SETUP

You can select non-compression for the SHQ mode.







1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select SHQ SETUP.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select JPEG or TIFF (non-compression).**

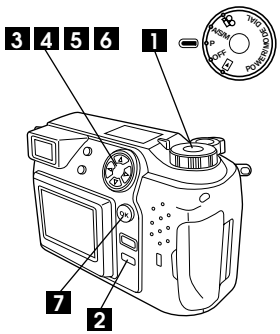
6 **Press the left arrow on the Jog dial to confirm the setting.**

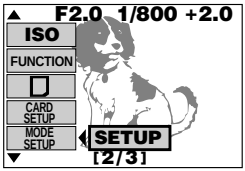
7 **Press the OK button to save the setting. Press again to cancel the Menu.**

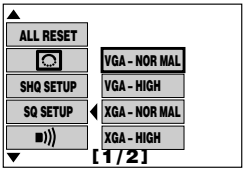
Note:
- The setting will remain until it is readjusted.
- The number of storable pictures is reduced the most and the recording time is the longest when TIFF is used. (p. 36)
- The resolution is 1600 x 1200 pixels for JPEG and TIFF.

SQ SETUP

You can select the file size and compression level for the SQ mode.







1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select SQ SETUP.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the setting.**

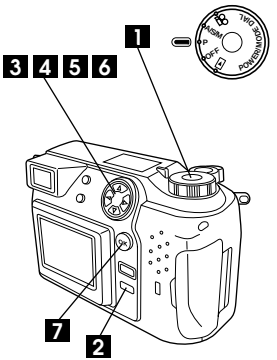
6 **Press the left arrow on the Jog dial to confirm the setting.**

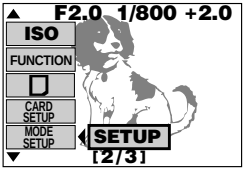
7 **Press the OK button to save the setting. Press again to cancel the Menu.**

Note:
- The setting will remain until it is readjusted.
- See page 36 for the number of pixels and the number of storable pictures.

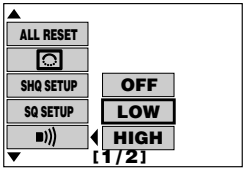
BEEP SOUND

You can select the volume of the operating beep sound.





(Still Picture Record Menu)



1 **Set the Mode dial to P, A/S/M, or .**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select .**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select HIGH, LOW or OFF.**

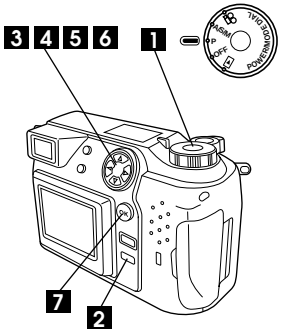
6 **Press the left arrow on the Jog dial to confirm the setting.**

7 **Press the OK button to save the setting. Press again to cancel the Menu.**

Note:
• The setting will remain until it is readjusted.

REC VIEW

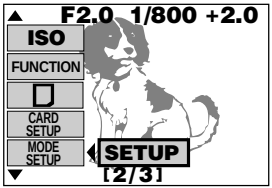
Rec view lets you select whether to display the image after recording.



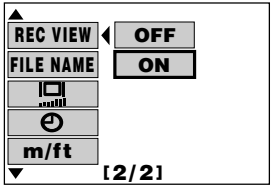
1 **Set the Mode dial to P, A/S/M or .**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**



(Still Picture Record Menu)



4 **Press the top/bottom arrows on the Jog dial to select REC VIEW.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select OFF (Rec view off) or ON (Rec view on).**

6 **Press the left arrow on the Jog dial to confirm the setting.**

7 **Press the OK button to save the setting. Press again to cancel the Menu.**

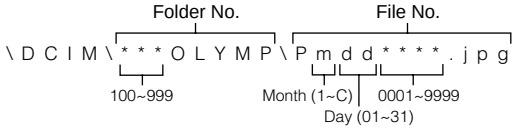
Note:
• The setting will remain until it is readjusted.

FILE NUMBER

You can select the file numbering system. It is especially useful when downloading data to a personal computer.

About the File No. and Folder No.

The file number and folder number used for each image are expressed as shown.

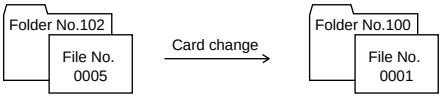


*Month: Jan. ~ Sep. = 1-9, Oct. = A, Nov. = B, Dec. = C

The File No. and Folder No. in Each Mode

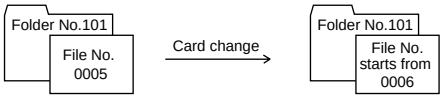
• NAME RESET

When NAME RESET is selected, the file number and folder number will be reset every time a card is inserted in the camera.



• AUTO FILE

When AUTO FILE is selected, the same folder number and a continuing number from the last file number of the last card will be used, so that the same file number will not be used for pictures taken together and saved in multiple cards.

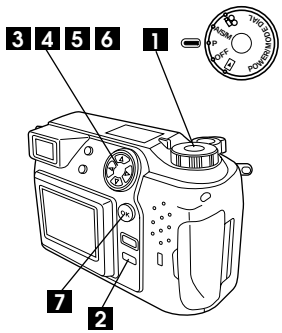


Note:

- For convenience, the folder numbers remain the same when transferred to a computer in both selections.

\ DCIM \ *** OLYMP \ Pmdd **** .jpg

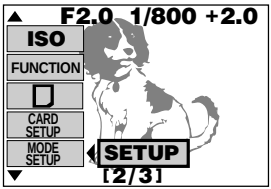
Folder No.

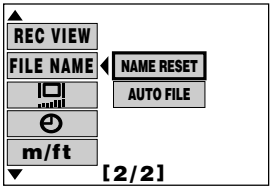


1 **Set the Mode dial to P or A/S/M.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**





4 **Press the top/bottom arrows on the Jog dial to select FILE NAME.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select NAME RESET or AUTO FILE.**

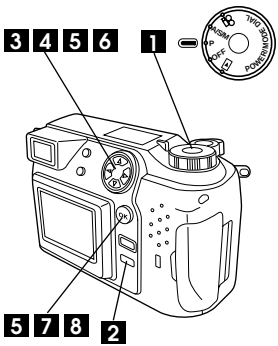
6 **Press the left arrow on the Jog dial to confirm the setting.**

7 **Press the OK button to save the setting. Press again to cancel the Menu.**

Note:
- When a card with a file number larger than the last file number is used, the file numbers will continue from the larger number.
- When the maximum file number (9999) is reached, the number of storable pictures becomes 0 even if the card is not full yet, and no more pictures can be taken.
- The setting will remain until it is readjusted.

LCD BRIGHTNESS

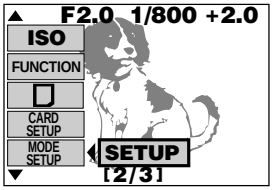
You can adjust the brightness of the LCD monitor.



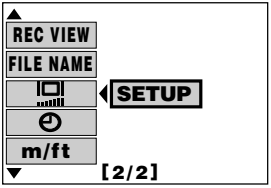
1 **Set the Mode dial to P, A/S/M, or .**

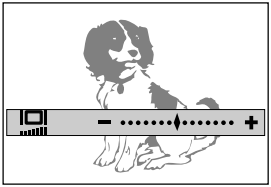
2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**



(Still Picture Record Menu)





4 **Press the top/bottom arrows on the Jog dial to select .**

5 **Press the right arrow on the Jog dial to select SETUP, then press the OK button.**

- appears on the LCD monitor.

6 **Press the right/left arrows on the Jog dial to select the brightness.**

7 **Press the OK button to confirm the setting.**

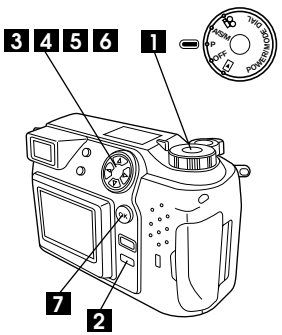
8 **Press the OK button to save the setting. Press again to cancel the Menu.**

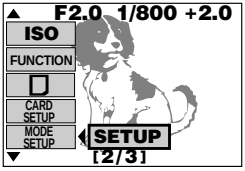
Note:

- The setting will remain until it is readjusted.

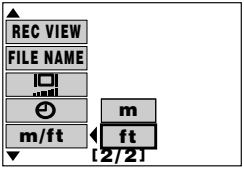
METERS/FEET SELECTION

You can select meters or feet to be used by the Manual focus setting screen. (In the Macro mode, the unit will shift between centimeters and inches.)





(Still Picture Record Menu)



1 **Set the Mode dial to P, A/S/M or 🎥.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select m/ft.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select m (meters) or ft (feet).**

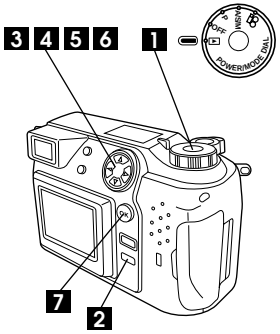
6 **Press the left arrow on the Jog dial to confirm the setting.**

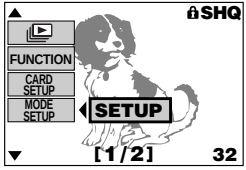
7 **Press the OK button to save the setting. Press again to cancel the Menu.**

Note:
• The setting will remain until it is readjusted.

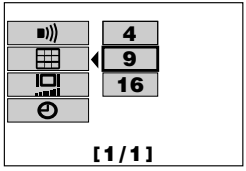
INDEX-DISPLAY ADJUSTMENT

You can select the number of frames shown in the Index-Display mode.





(Still Picture Display Menu)



1 **Set the Mode dial to ▶.**

2 **Press the Menu button to display the Menu.**

3 **Press the top/bottom arrows on the Jog dial to select MODE SETUP, then press the right arrow.**

4 **Press the top/bottom arrows on the Jog dial to select ▦.**

5 **Press the right arrow on the Jog dial, then press the top/bottom arrows to select the number.**

6 **Press the left arrow on the Jog dial to confirm the setting.**

7 **Press the OK button to save the setting. Press again to cancel the Menu.**

Note:
• The setting will remain until it is readjusted.

7

MISCELLANEOUS

QUESTIONS AND ANSWERS

Q

How long will the batteries last?

A

Battery life is affected by many variables such as the amount of LCD monitor use, the frequency of flash use, as well as by the kind of battery used and the environmental conditions under which the camera is used. Using the LCD monitor frequently will use up your batteries quickly. Keep the LCD monitor turned off to save power. Use of the optional AC adapter is recommended.

Q

How can I correct the clock in the camera that will be used to record the date on the image data?

A

Date adjustment is not made when the camera is shipped. You can adjust the date either from the camera or from the computer. (p. 28)

Q

How should I store the camera?

A

Cameras are susceptible to damage caused by dust, moisture, and salt. Wipe and dry the camera thoroughly before storing it. After using it at the beach, wipe it with a cloth that has been moistened with fresh water and then wrung out. Do not store in an area where mothballs are used. Unload the batteries if you do not plan to use the camera for a long period.

Q

Why do the subjects' eyes sometimes appear red in pictures?

A

This "red-eye phenomenon" occurs with all cameras when a flash is used. It is caused by light from the flash reflecting off the retina at the back of the eye. Red-eye varies depending on the individual and the shooting conditions such as ambient lighting. Use of the Red-Eye Reducing Pre-Flash mode significantly reduces this phenomenon.

Q

Can I use a filter or hood?

A

Olympus does not provide one.

Q

Can I use an extension flash?

A

Yes you can. Please see our Internet home page (http://www.olympus-europa.com).

TROUBLESHOOTING

OPERATING PROBLEMS

The camera does not work.

① The power is OFF.
→ Set the Mode dial to turn on the power. (P. 32)

② The batteries are loaded incorrectly.
→ Reload the batteries correctly. (P. 22)

③ The batteries are exhausted.
→ Replace the batteries with new ones. (P. 22)

④ The batteries are temporarily unable to function.
→ Keep the batteries warm while using the camera.

No picture is taken when the Shutter release button is pressed.

① The flash has not finished charging or the previous picture is being written into the card.
→ Remove your finger from the Shutter release button and wait until the Green lamp or the Orange lamp stops blinking. (P. 40/104)

② There is no card in the camera or there is a problem with the card.
→ See the Error code chart. (P. 193)

③ The card is full.
→ Replace the card, delete unwanted pictures or transfer the data to a computer and delete all of the pictures. (P. 26/96/99/132)

④ The batteries ran out.
→ Replace the batteries with new ones. (P. 22)

⑤ The battery power is low.
→ Replace the batteries with new ones. (Do not open the Battery compartment cover when the Card access lamp is blinking.) (P. 22)

⑥ The buffer memory is full.
→ Wait until there is room in the buffer. (P. 42/106)

⑦ A write-protect adhesive seal is placed on the card or there is no card in the camera.
→ Insert a new card in the camera. (P. 26)

⑧ The Mode dial is set to ▶ .
→ Set the Mode dial to P, A/S/M or 🎥 . (P. 33)

The flash does not fire.

① The flash mode was set to the Off mode.
→ Check the flash mode before shooting. (P. 55)

② The subject is lighted.
→ Set the flash to Fill-In mode. (P. 55/57)

The pictures already taken do not appear on the LCD monitor.

① The camera is in the Record mode.
→ Set the Mode dial to ▶ . (P. 90/130)

② There is no picture in the card.
→ NO PICTURE appears on the LCD monitor. (P. 90)

③ There is a problem with the card.
→ See the Error code chart. (P. 193)

The LCD monitor is hard to read.

① The brightness may be incorrectly set.
→ Adjust the brightness. (P. 181)

② It is under sunlight.
→ Block the sunlight.

③ The LCD monitor is broken.
→ Have it repaired.

When the camera is connected to a computer, an error message appears while data is being transferred to the computer.

① The cable is not plugged in correctly.
→ Connect the cable correctly. (P. 158)

② The power is OFF.
→ Set the Mode dial to turn on the power. (P. 159)

③ The batteries are exhausted.
→ Replace the batteries with new ones (P. 22) or use the optional AC adapter (P. 24).

④ The serial port is not selected correctly.
→ Use the operating system software to make sure the serial port is selected correctly.

⑤ There is no available serial port.
→ Make one available by following the computer's instructions.

PROBLEMS WITH IMAGES

The picture is out of focus

① The camera moved when the shutter button was pressed.
→ Hold the camera correctly, and press the shutter button. (P. 30/31)

② The viewfinder's autofocus mark was not positioned on the subject.
→ Position the autofocus frame on the subject, or use the focus lock. (P. 45/109)

③ The lens is dirty.
→ Clean the lens with a soft dry cloth.

④ The mode was not selected correctly.
→ Shoot with the Macro mode when the subject is within the range of 0.2 m ~ 0.8 m. For further distances, shoot with the Standard mode. (P. 48/60)

⑤ The Shutter release button was pressed right in front of the camera in the Selftimer mode.
→ Press the Shutter release button while looking into the viewfinder, not while standing in front of the camera. Or, use the remote control. (P. 67/116)

⑥ The Manual focus was used with the wrong focal range.
→ Use the right Manual focus for the distance. (P. 62/113)

The picture is too dark.

① The flash was blocked by a finger.
→ Hold the camera correctly, keeping your fingers away from the flash. (P. 30)

② The subject was out of the working range of the flash.
→ Shoot within the flash working range. Or, use an extension flash. (P. 55/73)

③ The flash mode was set to the Off mode.
→ Check the flash mode before shooting. (P. 55)

④ The subject was too small and was backlit.
→ Set the flash to Fill-In mode. (P. 55) Or, use the Spot metering mode. (P. 59)

The picture is too bright.

① The flash was set to the Fill-In Flash mode.
→ Set the flash mode to one other than Fill-In Flash. (P. 55)

② The subject was very bright.
→ Either adjust the exposure or point the camera away from overly bright subjects. (P. 54/112)

The colors of pictures taken indoors look unnatural.

① The lighting fixture(s) affected the picture.
→ Set the flash mode to Fill-In. (P. 55)

② The subject is mostly dark.
→ Include white in the image or adjust the white balance. (P. 78/120)

③ The white balance setting is wrong.
→ Adjust the white balance. (P. 78/120)

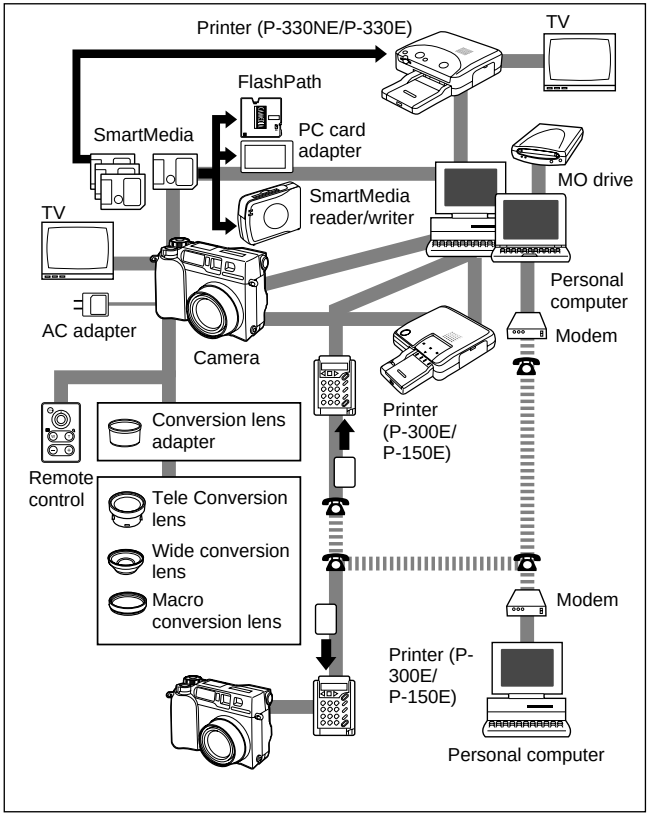
The picture has obscured edge(s).

① The lens was partly blocked by a finger or the strap.
→ Hold the camera correctly, keeping your fingers and the strap away from the lens. (P. 30)

② The shooting distance was too close.
→ Use the LCD monitor. (P. 42/106)

SYSTEM CHART

A variety of capabilities are available when connected to optional equipment.



ERROR CODES

LCD monitor	Error
NO CARD	There is no card in the camera. Insert a SmartMedia card.
CARD FULL	No more photographs can be taken. Replace the SmartMedia, erase unwanted pictures, or transfer the data to a personal computer and free up space in the SmartMedia.
WRITE-PROTECT	A write-protect adhesive seal is placed on the card or the card is for Display mode only. The camera cannot enter Record, Erase or Card format mode.
CARD ERROR	The camera cannot enter Record, Display or Erase mode. If cleaning the connector does not help or if Card format mode cannot be entered, this card cannot be used and may be damaged.

OPTIONAL ITEMS

- Photo Printers For Olympus Digital Cameras
- AC Adapter
- Camera Case
- Standard SmartMedia Card (8/16/32/64MB)
- Special Function SmartMedia Cards
  - Template Card (4MB)
  - Calendar Card (4MB)
  - Title Card (4MB)
- FlashPath Floppy Disk Adapter
- PC Card Adapter
- NiMH Batteries
- NiMH Battery Charger
- SmartMedia Reader/Writer

NOTES ON DISPLAY AND BACKLIGHT

- The Control panel and the fluorescent lamps used in the LCD monitor have a limited service life. If they begin to darken or flicker, contact your nearest service center.
- In cold conditions, the display backlight may be slow to come on or may change color suddenly. To avoid this, keep the camera warm when using in cold temperatures. Backlight performance will return to normal under normal temperature conditions.
- When the color LCD monitor shows different pictures, some pixels may not change color and remain on or off. This phenomenon may be due to a lag in some circuits, but is considered to be within the normal operating tolerances of the LCD monitor. In addition, the brightness of the color LCD monitor may vary between pictures.

COMPATIBILITY OF THE PICTURE DATA

- Images taken by this camera may not be properly displayed or printed with other Olympus digital cameras.
- Images taken by other Olympus digital cameras may not be properly displayed or printed with this camera.

When taken with the C-2020ZOOM and displayed/printed with other models

Models	Display	Direct print*4
C-2500L	○	○
C-21	○	○
C-920ZOOM	○	○
C-2000ZOOM	○	○
C-900ZOOM	×	×
C-830L	×	×
C-840L	×	×
C-820L	×	×
C-420L	×	×
C-1400XL	×	×
C-1400L	×	×
C-1000L	×	×

When taken with other models and displayed/printed with the C-2020ZOOM

Models	Display	Direct print *4
C-2500L	○ *1	○ *2
C-21	○	○ *3
C-920ZOOM	○	○ *3
C-2000ZOOM	○	○ *3
C-900ZOOM	○	○ *3
C-830L	○	○ *3
C-840L	○	○
C-820L	○	○
C-420L	○	○
C-1400XL	○	○
C-1400L	○	○
C-1000L	○	○

***1**: Only the images taken in the SQ mode can be displayed. Close-up display is not available.
***2**: Only the images taken in the SQ mode can be printed.
***3**: Images taken in the TIFF mode cannot be printed.
***4**: When connected to the P-300E/P-150E printer.

SPECIFICATIONS

Product type	: Digital camera (for shooting and displaying)
Recording System	
Still	: Digital recording (JPEG/TIFF with “Design rule for Camera File system” support)
Movie	: QuickTime Motion JPEG support
Memory	: 3V (3.3V) SmartMedia 2MB, 4MB, 8MB, 16MB, 32MB, 64MB
No. of storable pictures	: Approx. 1 shot (TIFF, 8MB)
	: Approx. 5 shots (SHQ, 8MB)
	: Approx. 16 shots (HQ, 8MB)
	: Approx. 13 shots (XGA-High, 8MB)
	: Approx. 38 shots (XGA-Normal, 8MB)
	: Approx. 32 shots (VGA-High, 8MB)
	: Approx. 82 shots (VGA-Normal, 8MB)
Erase	: One-frame erase / All-frames erase
Image pickup element	: 1/2 inch CCD solid-state image pickup
	: 2,110,000 pixels (gross)
Recording image	: 1600 x 1200 pixels (HQ/SHQ/TIFF modes)
	: 640 x 480 pixels (SQ mode/VGA)
	: 1024 x 768 pixels (SQ mode/XGA)
White balance	: Full auto TTL, Manual (daylight, overcast, tungsten light, fluorescent)
Lens	: Olympus lens 6.5 ~ 19.5 mm, F2.0 ~ 2.8, 8 elements in 6 groups (equivalent to 35 ~ 105 mm lens on 35 mm camera), aspherical glass
Photometric system	: Digital ESP metering system, Spot metering system
Exposure control	: Program auto, Aperture priority, Shutter priority, Manual
Aperture	: **W** : F2.0 ~ 11.0
	: **T** : F2.8 ~ 11.0
Shutter speed	: Used with mechanical shutter (Auto ISO setting)
Still	: 1 ~ 1/800 sec. (16 ~ 1/800 sec. with manual setting)
Movie	: 1/30 ~ 1/10000 sec.
Working range	: 0.2 ~ 0.8 m (Macro mode)
	0.8 m ~ ∞ (Standard mode)

Viewfinder	: Optical real image viewfinder (Autofocus mark/Backlighting correction mark), LCD monitor
LCD monitor	: 1.8" TFT color LCD display
No. of pixels	: Approx. 114,000 pixels
On-screen display	: Date/Time, Frame number, Protect, Recording mode, Battery check, Picture data, Menu, Random print, etc.
Battery charging time for flash	: Approx. 6 sec. (at normal temperature with new batteries)
Flash working range	: **W** : Approx. 0.8 ~ 5.6 m
	: **T** : Approx. 0.2 ~ 3.8 m
Flash modes	: Auto-Flash (automatic flash activation in low light and backlight), Red-Eye Reducing Flash, Fill-In Flash (forced activation), Off (no flash)
Autofocus	: TTL system autofocus, Contrast detection system
Focusing range	: 0.2 m ~ ∞
Selftimer	: Electronic Selftimer with 12-sec. delay
Outer connectors	: AC adapter connector, Computer connector (RS-232C), Video output connector (PAL)
Date and time	: Recorded with picture data simultaneously
Automatic calendar system	: Up to 2030
Direct print (Direct print possible with optional printer)	
	: Standard print, Index print, Close-Up print, Random print, Cut print, Mirror print, Date print, All print
Operating environment	
Temperature	: 0 ~ 40°C (operation) – 20 ~ 60°C (storage)
Humidity	: 30 ~ 90 % (operation) 10 ~ 90 % (storage)

Power supply	: This camera uses four AA nickel metal-hydride batteries, AA alkaline batteries, AA lithium batteries or AA NiCd batteries. Do not use manganese batteries. AC adapter (optional)
Dimensions	: 107.5 (W) x 73.8 (H) x 66.4 (D) mm
Weight	: 305 g (without batteries/card)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OR OBLIGATION ON THE PART OF THE MANUFACTURER.

OLYMPUS®

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